

November 22nd, 2013

To: Dr. T. Gregory Guzik - HASP Project Director
From: Seth Frick – Team Lead
RE: HASP Monthly Status Report

1. Activities

Continued work on 2013 Final Science Report.

Continued testing of hardware components.

Continued developing ideas for design improvements and additional experimentation for next year's payload.

2. Issues Encountered

Some board-level components on the detector front board will need to be replaced, though testing has confirmed both the detector and detector front board are in working condition. The scintillator needs to be thoroughly inspected for cracks as well.

3. Milestones Achieved

Began writing first draft of the 2014 Payload Proposal.

4. Current Student Team

Name	Gender	Ethnicity	Race	Student Status	Responsibilities
Seth Frick	M	Non-hispanic	Caucasian	Graduate 1 st year	Team lead
Andrew Mahon	M	Non-hispanic	Caucasian	Undergraduate Junior	GPS and IMU operation, structure hardware configuration and fabrication
Haley Rorvick	F	Non-hispanic	Caucasian	Undergraduate Junior	Structure design, hardware configuration, and fabrication
Josiah DeLange	M	Non-hispanic	Caucasian	Undergraduate Junior	Flight computer and power systems, flight software
Alec Forsman	M	Non-hispanic	Caucasian	Undergraduate Junior	Flight computer and power systems, flight software
Seth Merrifield	M	Non-hispanic	Caucasian	Undergraduate Junior	Thermal monitoring and protection.
John Jackson	M	Non-hispanic	Caucasian	Undergraduate Junior	Detector energy detection and testing