

June 24, 2016

To: Dr. T. Gregory Guzik - HASP Project Director
From: Tim Kukowski – Chief Engineer
RE: HASP Monthly Status Report

1. Activities

Board designs complete and some received. Components being soldered on the boards we have. Testing of these boards to begin once complete.

Coding of flight computer to integrate with other components underway.

Communications range testing is planned as well as testing a crc algorithm in flight.

CAD models of structure complete and planning to 3-D print some components. Building and assembling the structure will begin after 3-D models complete.

2. Issues Encountered

High voltage power supply board has been tested and is not providing enough power

3. Milestones Achieved

None currently.

4. Current Student Team

Name	Gender	Ethnicity	Race	Student Status	Responsibilities
Hannah Weiher	F	Non-Hispanic	Caucasian	Graduate Student	Team lead
Charles Denis	M	Non-Hispanic	Caucasian	Graduate	Technical Consultant
Tim Kukowski	M	Non-Hispanic	Caucasian	Undergraduate Senior	Chief Engineer
Joel Runnels	M	Non-Hispanic	Caucasian	Graduate Student	Technical Consultant (Detector engineering and physics)/Payload Lead
Ryan Vogt	M	Non-Hispanic	Caucasian	Undergraduate Sophomore	Detector Systems Physicist (Calibration and testing)
Kendra Bergstedt	F	Non-Hispanic	Caucasian	Undergraduate Sophomore	Detector Systems Physicist (Calibration and testing)
Maxwell Yurs	M	Non-Hispanic	Caucasian	Undergraduate Junior	Detector Systems Lead (Calibration and testing)

Name	Gender	Ethnicity	Race	Student Status	Responsibilities
Jeffery Chaffin	M	Non-Hispanic	Caucasian	Undergraduate Senior	Detector Systems Physicist (Calibration and testing)
Gaurav Manda	M	Non-Hispanic	Asian	Undergraduate Sophomore	Detector board redesigns
Luke Granlund	M	Non-Hispanic	Caucasian	Undergraduate Senior	Payload Systems Software
Aaron Nightingale	M	Non-Hispanic	Caucasian	Undergraduate Junior	Payload Systems Hardware
Seth Willing	M	Non-Hispanic	Caucasian	Undergraduate Junior	Flight Structures Engineer
Andrew Sit	M	Non-Hispanic	Caucasian	Undergraduate Sophomore	Flight Structures Engineer