

Raymond J. Weber  
June 28, 2013  
MSU – Payload #4

Dr. Gregory Guzik  
LSU HASP Program

### **Re: Monthly Status Report – June 2013**

The MSU HASP teams work this month was focused on preparation of the FPGA hardware/software systems as well as the mechanical structure for this summers flight. We are now starting to build the final form of the software designs by pulling together the individual tasks into a single system. We have also nearly completed an updated enclosure based on last years flight proven design with minor modifications.

Raymond Weber – Completed the final enclosure design revisions, and nearly completed fabrication. Also continued development work of the flight software components.

Justin Hogan – Worked on the final flight software code for the system, and related FPGA/software tasks.

Blaine Ferris – No assigned tasks.

### **Issues encountered during payload design and development**

- No issues were encountered this month.

### **Milestones Achieved**

- Designed and nearly completed enclosure fabrication.
- Completed isolated software development and began integrating systems into the final flight software.

### **Current Team Members**

<b>Name</b>	<b>Team Role</b>	<b>E-mail</b>	<b>Phone</b>
Dr. Brock LaMeres	Principal Faculty Advisor	lameres@ece.montana.edu	(406)994-5987
Dr. Todd Kaiser	Faculty Advisor	tjkaiser@ee.montana.edu	(406)994-7276
Raymond Weber	Principal Team Lead	raymond.weber@msu.montana.edu	(406)994-5975
Justin Hogan	Principal Team	justin.hogan@msu.montana.edu	(505)977-3844
Blaine Ferris	Team Member		