Zach Henney
August 23, 2013
Hatchling II
Embry-Riddle Aeronautical University

August Status Report

Activities of Team Members

August saw part of the team report to Palestine for HASP Integration testing, which was a success marked by a few issues. However, since then these issues have been addressed and the flight is ready to go for HASP 2013.

Issues Encountered in Payload Design

Several issues involving the serial port were encountered during integration, and these have since been resolved. Also, software has been updated to work with the HASP command structure, and the payload will be ready to receive commands for the flight. The pins were added back to the EDAC connector, as was the pin to connect it to the platform's connector.

Milestones Achieved

All issues were rectified and the payload is ready for flight.

Current Team Members

Below is an organization chart of the current team.

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                    ┌─────────────────┐   ┌─────────────────┐
                    │  Dr. Ron Madler │   │ Prof. Jack Crabtree │
                    │     Mentor      │   │     Mentor      │
                    └─────────────────┘   └─────────────────┘
                                    ┌─────────────────┐
                                    │  Zach Henney    │
                                    │  HASP Manager   │
                                    └─────────────────┘
              ┌─────────────────┐                    ┌─────────────────┐
              │  Zach Henney    │                    │ Clayton Jacobs  │
              │  Phoenix Lead   │                    │  EagleSat Lead  │
              └─────────────────┘                    └─────────────────┘
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Dallas Hodges	Aaron Petrek	Cris Ricario	Mo Sabliny	Phil Riek	Aaron Taylor	Marcus Bever
Electrical	Payload	Payload	Structure	Thermal	EagleSat Systems	Eaglesat Systems

Dadija Bluidzius	Kevin Jordan	Alex Collins	Steven Walton	Michael Matyas
Antennae	EPS	Payload B	Comms Lead	Integration