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EagleSat

Embry-Riddle Aeronautical University

April Status Report

Activities of Team Members

April saw the team work on continuing to develop hardware for the first testing period at the start of May. Work was also done on the PSIP, and a presentation was done to Arizona Space Grant about ERAU flying on HASP.

Issues Encountered in Payload Design

Estimated fabrication costs proved to be too expensive, therefore the structures for HASP have changed. The *Nest* integration module is using a refurbished version of the structure flown in 2013, and the student-designed *EagleSat* structure has been replaced by a Pumpkin CubeSat structure.

Milestones Achieved

The supercapacitor array has completed testing, and the communications system was flight tested on a balloon flight on April 10. The new antenna board has arrived, and will be assembled once spring finals have ended.

Current Team Members

Below is an organization chart of the current team.

