



## **SCARLET HAWK I – HASP 2013**

**November Status Update  
11/22/13**

## INTRODUCTION

### Summary of progress

This month, AIAA-IIT has continued to analyze our data and prepare the science / flight report that is due in December. Additionally, AIAA-IIT has recruited new members to the high altitude ballooning team and complete a list of goals and preliminary circuits for our 2014 HASP payload. Since the majority of work done this month will be covered in the science report, the status update for November will be brief.

On top of completing the analysis and discussion regarding SCARLET HAWK I's scientific experiments, AIAA-IIT is detailing all of the design flaws of the previous payload and will be including an itemized list of changes that will be made for next year. HASP 2013 has been an invaluable experience for our team and we look forward to future missions with the HASP team.

### Upcoming deadlines

- December 13: Science Report Due
- December 20: HASP 2014 Application Due

### Updated Team Structure

Project Manager: Peter Kozak

Faculty Adviser: Keith Bowman

#### GPS & Comm.

Aniruddha Katre (Subgroup Leader), Raisa Vitto, Lou Grimaud, Collin Rutenbar

#### Electronics and Sensing

Shalmik Borate (Subgroup Leader), Peter Kozak, Raisa Vitto

#### Image Processing

David Finol (Subgroup Leader), Rodolfo Manotas, Corey Page, Collin Rutenbar, Abdulrhman Arnaout

#### Structure

Miguel Javier (Subgroup Leader), Manpreet Singh