

# Gannon University HARD payload

Status Report #7

7/26/2013

## **1. Achievements**

- Completed and delivered the Flight Operations Plan (FLOP).
- Completed construction of HASP 2013 payload:
  - All subsystems have been mounted to the instrument support structure.
  - All subsystems have been electrically integrated and tested for proper operation.
  - The temperature sensor was giving incorrect values and was replaced.
  - The original TTL to RS232 serial converter was not the extended temperature range version and has been replaced.

## **2. Issues**

- None.

## **3. Next Steps**

- Mechanical and electrical integration of payload with HASP in Palestine, TX.

## **4. Current team members and leader**

Aaron Neiman, Computer Engineering (HASP 2013 Team Lead)

Bennett, Joseph, Electrical Engineering

Codi Wasser, Computer Engineering

Kelvin Joefield, Electrical Engineering

Yousef Samkari, Electrical Engineering

Dr. Wookwon Lee, ECE Faculty Advisor

Dr. Nicholas Conklin, Physics Faculty co-advisor

Prof. Donald MacKellar, ECE Faculty co-advisor