CARO HASP March Update:

Activities of team members

Callie Galarowicz: Learning how to program the Arduino microcontroller that will be used on the CARO platform. She is learning basic coding and hardware connections based upon the expectations the CARO team has outlined for the payload.

Justin Haxton and Reed Seamons: Have begun physical assembly of casing and cradle, fitment of the components in the cradle and body will commence next week.

Jon Zalomous: Integrating the costs of raw aluminum into proposal. And has begun creating a Gantt Chart that coincides with our schedule.

Tim Shewcraft: Received the formal quote regarding the final price of the ECC Ozonesonde. Due to the purpose of our payload, we are able to purchase the Ozonesonde without the radiosonde, making the device considerably less expensive.

In addition, he has begun considering the layout of the circuitry in a much more detailed sense.

Issues encountered during payload design / development

The original source for the payload's aluminum casing did not have the correct material available. This was resolved by ordering the aluminum from the ASU machine shop at a cost of $50, which is still well within the planned expense budget.

Milestones Achieved

The components of the payload have been ordered and individual team members are familiarizing themselves with the roles required of them in the construction process. Construction on the housing has begun.

Current Team Members

- Justin Haxton (Team Lead)
- Reed Seamons (Schedule)
- Calley Galarowicz (Coordinator)
- Jon Zaloumis (Budget and Software)
- Tim Shewcraft (Electronics)