Objectives
- Extend the boom arm
- Handle Timer Events
- Capture Images
- Format, Store, and Transmit Data

Methods
In order to track debris, facial recognition software was modified for object orientation tracking. By monitoring location and size of debris, the trajectory, and velocity we can determine the viability of the boom arm experiment and the small debris experiment and likelihood of future successes.

Results
- Testing shows the cameras are able to record indefinitely, and through research we found that 2 seconds gaps are needed for the V2 cameras to take still images

Conclusions
We have found that this method for tracking results of such an experiment is effective. The Pi V2 cameras provided a high resolution and low frame rate solution for low power applications.