**Experiment Description: SHARE 2012 (September)**

**Input required by June 15th**

**Investigator:** Erin Ontiveros

**Support Crew:** TBD – if any 3D grad students

**Short Title:** 3D Reconstruction

**Objectives:** Data used for exercising the 3D workflow, geo-bundler, and student research. Objective is to find interesting geometry and be able to reconstruct the structure in 3D. Potential pairing LIDAR and aerial imagery.

**Deployments:** TBD – May deploy some ground targets with known elevation and texture.

**Flight Lines:**

Roi’s
**Flight Constraints:**

Minimally 40% overlap preferably higher, as high overlap as we can get. Also, would like more complex flight lines having multiple looks NS-EW-Diag.

**Ground Truth Required:**

Will be inquiring about partnering with the survey team on campus. This most likely can be done prior.

**Equipment:**

Don’t foresee any equipment outside of potential subject targets.