

Target Summary:

Using the information gained during the customer needs and functional decomposition, targets for the project were developed. There are three distinct systems that will be included in this project: Onboarding, Orienting, and Storage. Each system is comprised of multiple functions that are used to accomplish testing and storage of a sample. The main, critical targets for this project include the securing the sample to ensure no unexpected translational or rotational movement, positioning, the sample within 1 cm of the expected positions, and rotating the sample 360-degrees about the X and Y axes.