

Universal Transport Container

Los Alamos National Laboratory requires the design support in order to create a universal transport container. The transport container should encompass different sized hemispheres allowing it to universally secure its intended payload, while withstanding extreme shipping environments. This will include the need for a drop test to be simulated using FEA software and complete a physical test at the end of the build semester.

Parameters:

- The payload material is lead and will range from 6" - 14".
- Drop height will range from 8' – 10' and will exemplify worst case shipping scenarios.
- Container can be no larger than 16" in all directions and can weigh no more than 10 lbs.