

Possible E-907 LH2 Target

- Target Flask
- Vacuum Jacket
- Safety Measures
- Status

Target Flask

- 3.8 cm Dia X 14 cm
- 0.2 liters volume
- 0.005 inch thick mylar construction

Vacuum Jacket

- 15.25 cm Dia Foam ball
- Foam is ~ 5 mm thick Rohacell 71
- Vapor barrier is .003 thick fiberglass and epoxy covering

Safety Measures

- Target was approved for running in E690
- No tent required-Secondary containment provided by vacuum jacket
- If Scintillator paddles in TPC then helium purge

Status

- Most equipment in house
- Minimal engineering required
- Target group would need to be reformed
- Target has only run LH2/LD2