**Process Experiments**

**Basic Functionality**

Clothing Hydration Test

Can wash chamber adequately be purged of air and flooded with water to carry out the wash process?

Agitation/Wash Effectiveness Experiments

Is this wash process effective? Quantify wash effectiveness in various for various categories of contaminants.

* Water Soluble Contaminants
* Non-Water Soluble Contaminants
* Liquid Contaminants
* Solid Contaminants

Clothing Drying Test

Clothing Wear Quantification

Does this wash process have a large adverse effect on clothing life?

**Parameter Testing**

Vibration Test

**Unexplored Design Spaces**