

# Activity Engineers to the Rescue Design Brief

**Client:**

*Who or what is the product created for?*

Victims Trapped by Flooding

**End User:**

*Who will be operating the newly designed product?*

Blennerhasset Island Team

**Designer(s):**

*Who is responsible for the design?*

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**Problem Statement:**

*What is the problem at hand?*

The problem is to create a device that can transport stranded flood victims over a 3 feet span without touching the ground or table during transport.

**Design Statement:**

*Is the goal to simply sketch an idea, or is to design, build, and test an idea? What expectations had to be met in order for the design to be considered a solution? What must the solution do?*

The goal is to sketch, design, model, and build a apparatus that is capable of removing small objects across a 3 foot distance to a designated safe site.

**Criteria and Constraints:**

*What criteria must the solution meet? What limitations must be worked with? Was there a time constraint?*

1. Cannot enter/touch the contaminated area while removing objects.
2. Only 1 minute to move objects.