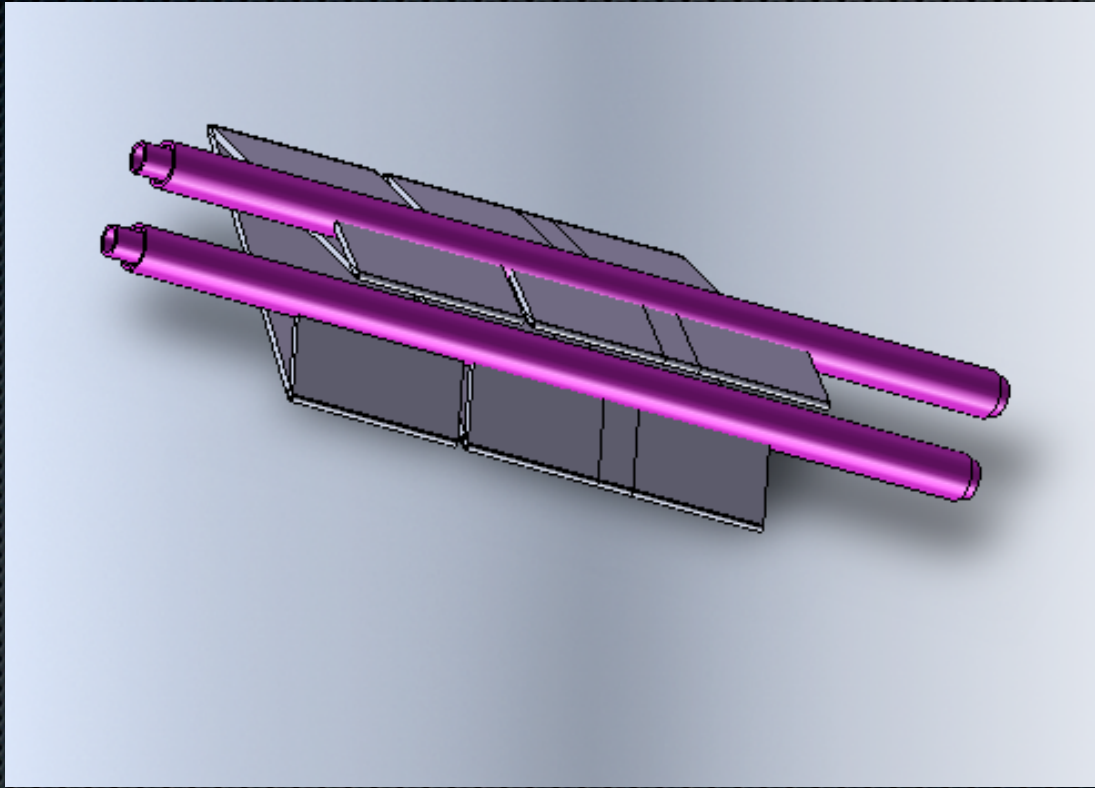


FLITTER



The Foldable Litter

Pink B

Our Vision

- A foldable litter to be used in mountain rescue
 - Folds into a 1' x 2' pack
 - Detachable frame and bed

Litter



How Litters are Used



Problems with Current Litters

- Transportation
- Use at Night
- Accommodation for Tall Patients
- Navigation of Terrain

What's Out There

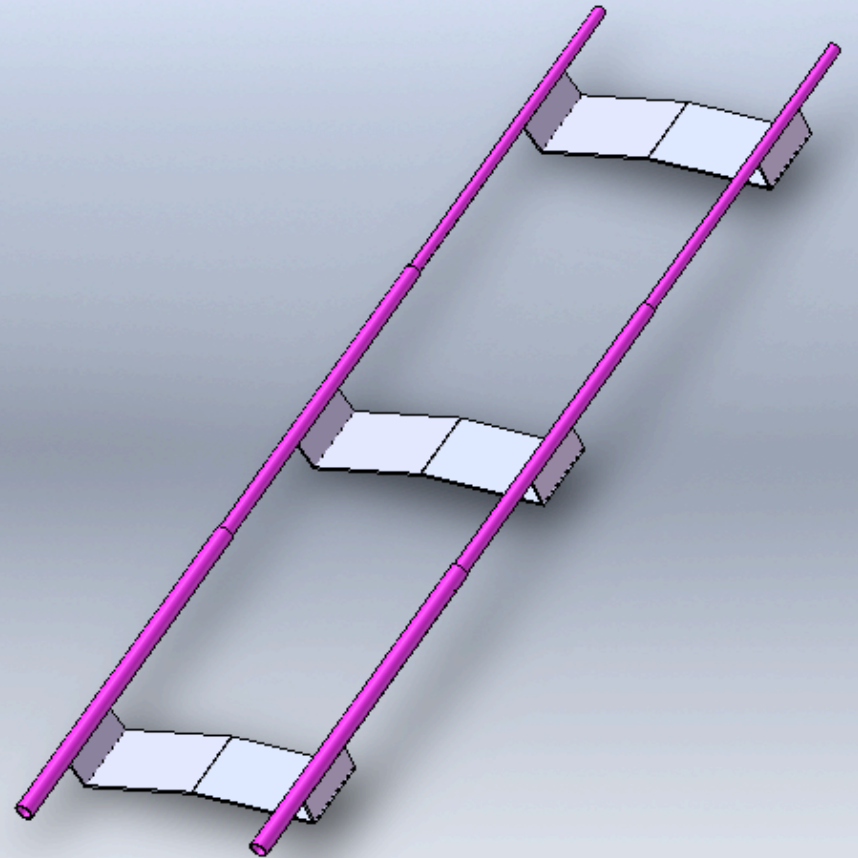
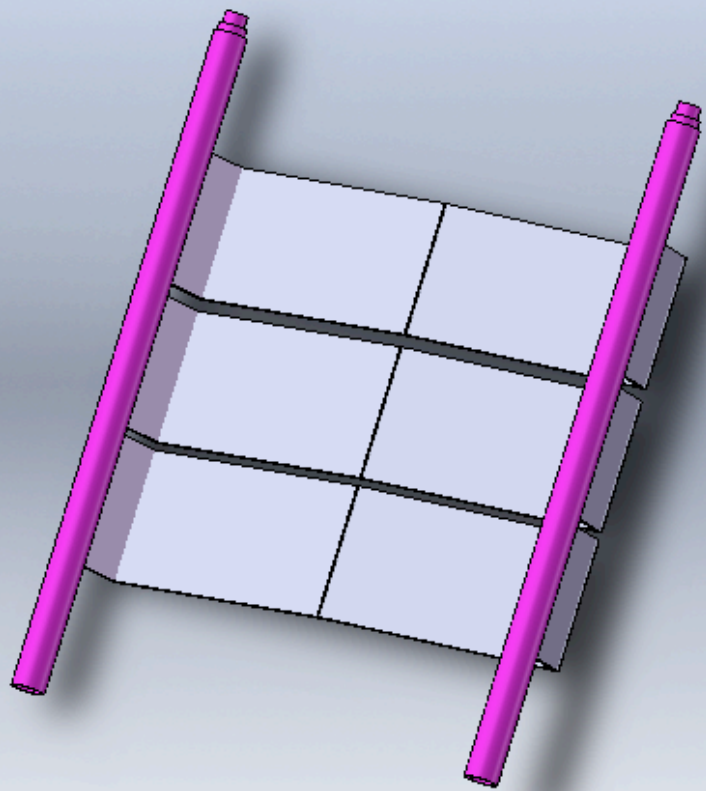


Pro: Collapsible
Con: Not robust



Pros: Foldable, light
Cons: Bulky, too short

Design



Main Features

- Foldable Litter
 - Folds up into a backpack
 - Full range of arm motion while walking
 - Lower center of gravity when folded
- Telescoping frame
- Accordion-folding bed

Additional Features

- Lighting from the bottom of the litter
- Wheels to make transport easier
- Straps/harnesses to free hands while transporting patient

What We Learned

- Concept of foldable litter is feasible
 - Accordion folding bed
 - Telescoping frame
- Material selection for combined rigidity/flexibility is critical

Market

- 84 Mountain Rescue Teams just in the United States
- National Parks
- International Organizations

Questions?