

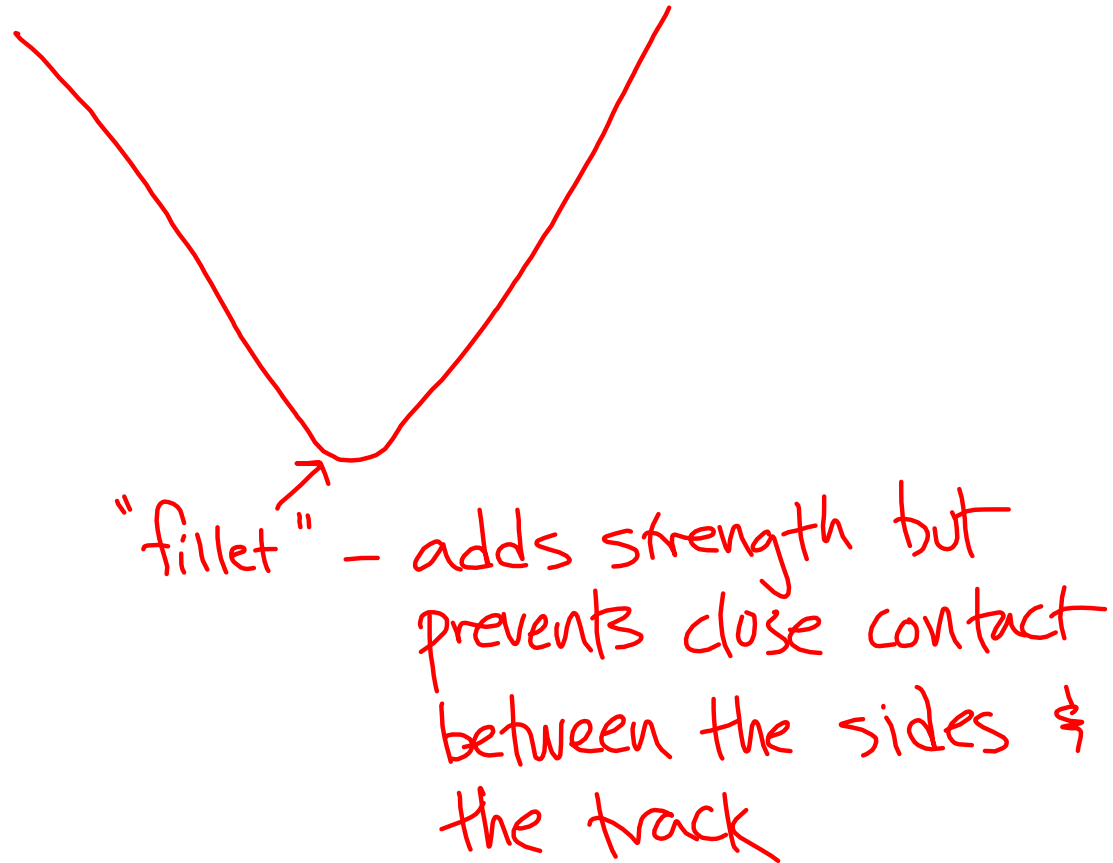
Momentum Air Carts:

- Function will be critical: your carts have to move freely
- Use for two purposes
 1. Make measurements & predictions regarding transfer of momentum & velocity of your cart after a collision
 2. Momentum competition

For your carts:

- Mass of your cart is up to you
(but there are tradeoffs)
- There will be a set of standard launchers
- Design choices & craftsmanship will be critical
- The track is an air track





Your job today:

On a full sheet of paper, make a careful drawing (use rulers) of

1. The undercarriage of your air cart

2. The main "cabin" of your air cart

INCLUDE measurement estimates, material requests, mass distribution, written descriptions of functional & design elements