

Flettner Car



Flettner Drum on Frictionless Cart

Purpose: Demonstrates the lift produced by wind on a rotating cylinder.

Developed by Anton Flettner, these devices have actually been used in practice (most notably on one of Jacques Cousteau's research ships).

Note: It is a little tricky to get the drum rotating fast enough, so have an assistant hold the cart. Wind the rubber band on the spool, and then pull like a top. By directing airflow from either side, you can make the cart go in different directions.

Extra Equipment: Air blower

Location: Shelf D6