

Flying High

Manoeuvre solar plates to propel planes around



An interactive game, fun for adults and children alike, that requires coordination, with players competing against or cooperating with other players. Flying High requires players to mount a bike and pedal to produce energy that propels the planes around. Reflecting sun rays from the mirrors onto the undercarriage of the planes exploits the solar energy to light the planes. Centrifugal Forces, Light reflection, Aerodynamic Lift, Torque Forces and Solar Energy as a power source are all demonstrated.



Specification

 Age	3+
 Accomodates	1- 3
 Area	45.0 Sq m 484.2 Sq ft
 Overall Height	5.5 m 18.04 ft

150-FH

Patent pending

 Overall Weight	310 Kg 682 lbs
 In Ground Depth*	1 m 3.28 ft
 Installation Time**	8 Hours

*Including concrete foundation

**Not including concrete foundation

Crane is required

Laws of Physics

Optics • Gravity • Centrifugal force • Torque

Our Planet and Universe

Speed of light

Alternative Energy

Solar energy • Pedaling → Electricity





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