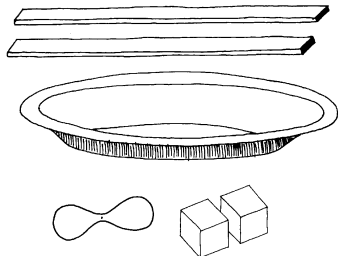
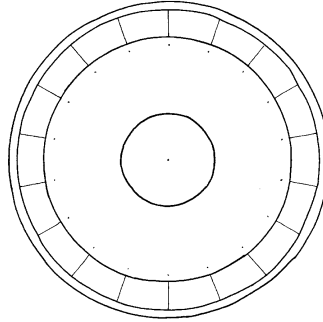


FOAM PLATE HOVERCRAFT

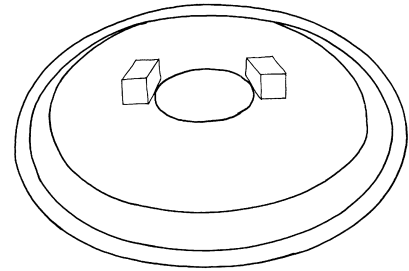
This hovercraft is fun to make and works really well on a mobile charger power supply.



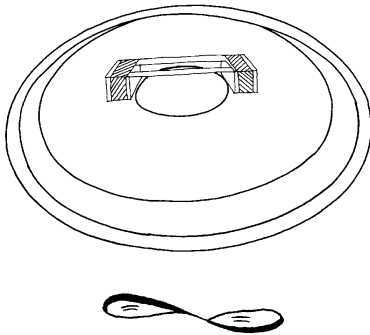
1. You will need a 30-cm foam plate, foam blocks, aluminum sheet from a beer can, a 3-volt toy motor, a mobile charger, thin slat of wood and ordinary hand tools.



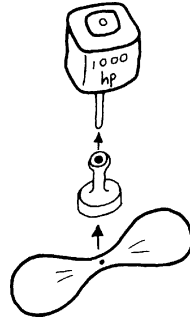
2. Cut a 7-cm hole in the centre of the foam plate.



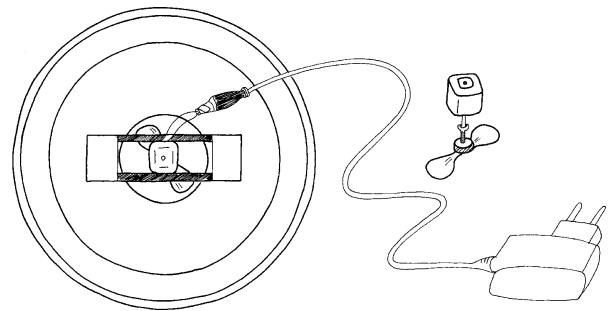
3. Fix two foam blocks diametrically opposite near the hole with adhesive.



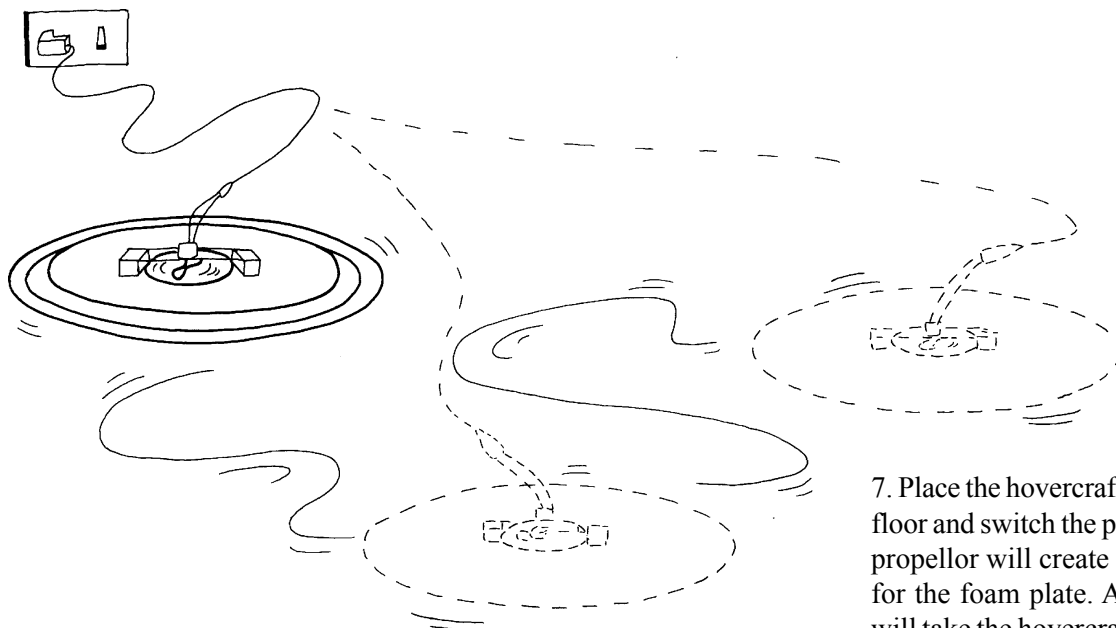
4. Fix two wooden slats on these blocks. On these will be mounted the 3-volt toy motor. From a beer can cut a propellor 6-cm across.



5. Twist the propellor blades and make a small hole in its centre. Fix the propellor to the motor shaft.



6. Mount the motor with the propellor on to the wooden slats. Attach the leads of the motor to a mobile charger which can be directly connected to a 220-volt power supply.



7. Place the hovercraft on a smooth floor and switch the power on. The propellor will create a air cushion for the foam plate. A gentle push will take the hovercraft forward!