LUFTPUTEFARTØY

Denne modellen viser hvordan et luftputefartøy virker.

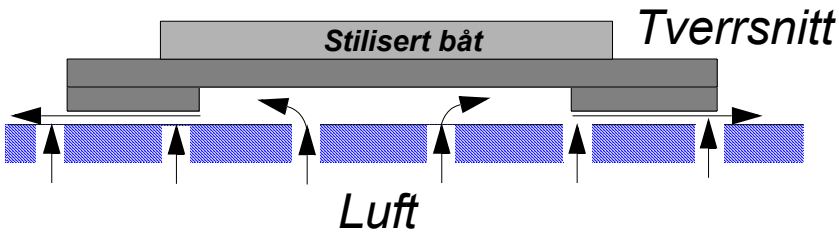
Gi båtene et puff, og se hvor fint de sklir bortover overflaten.

Men hva skjer egentlig?

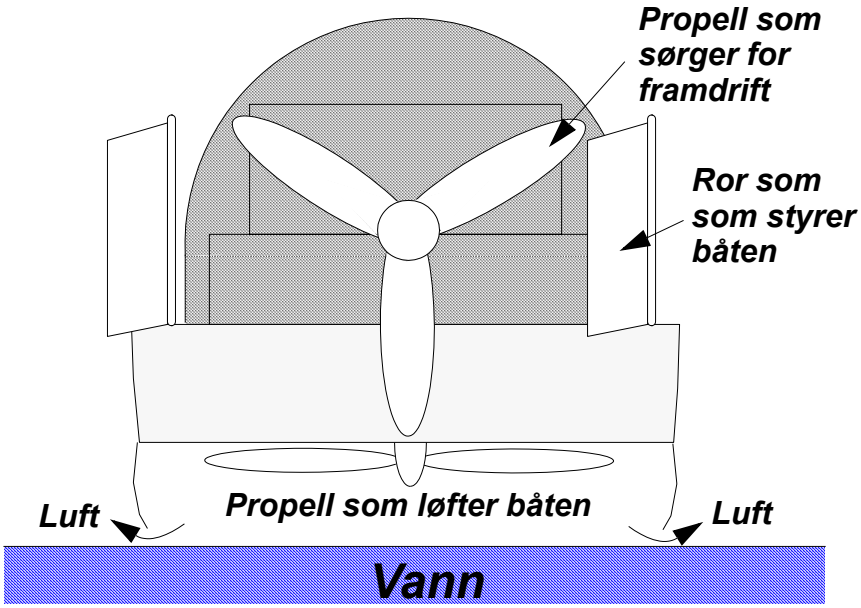
Klippes bort

Experimentarius forklarer slik:

I denne modellen blåses luft nedenfra og opp gjennom hullene i plata. Det dannes dermed et tynt lag med luft mellom plata og båten. Lufta som slipper ut bak båten, driver båten framover. Legg merke til hvor lett og friksjonsløst den flyter.



På ordentlige luftputefartøy blåses luft ut fra båten og under skroget. Lufta presses så bakover, slik at båten drives framover. I tillegg brukes propeller som gir båten fart framover.



Klippes bort

HOVERCRAFT

This model shows you how a hovercraft works.

Give each boat a push and see how nicely they float away on the surface.

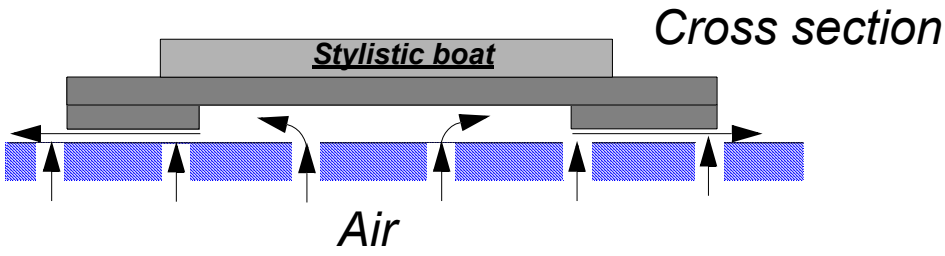
But what is really happening?

ENGLISH?

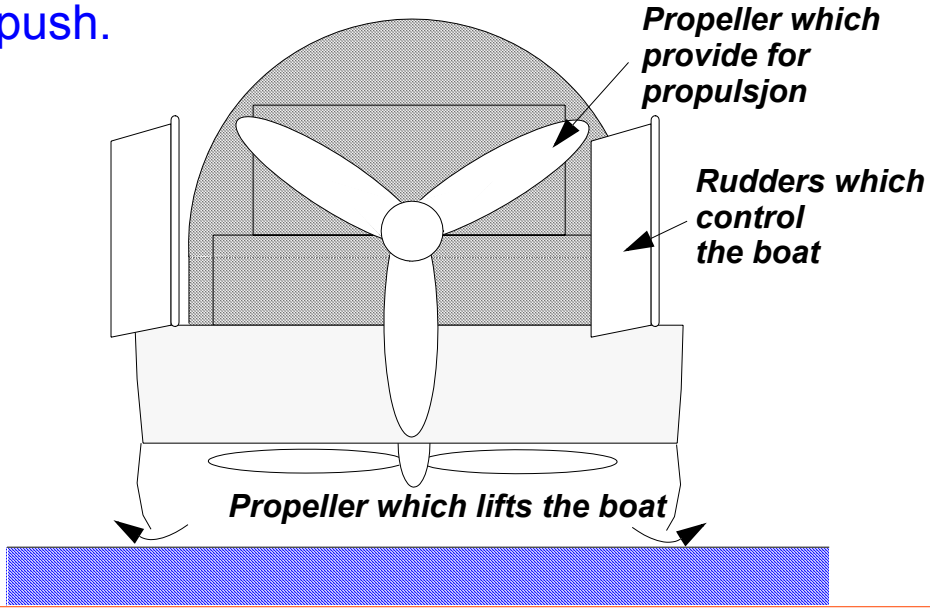
Klippes bort

Experimentarius explains:

In this model, air is blown from underneath and comes up through the holes in the wooden plate. Because of this, a thin layer of air is formed between the plate and the boat. The air escapes behind the boat moving the boat forwards. Notice how easily and effortlessly it floats.



On real hovercrafts, the air is blown out of the boat and down under the hull. The air is then forced backwards, so that the boat moves forwards. In addition, propellers are used that give the boat an extra forward push.



ENGLISH!