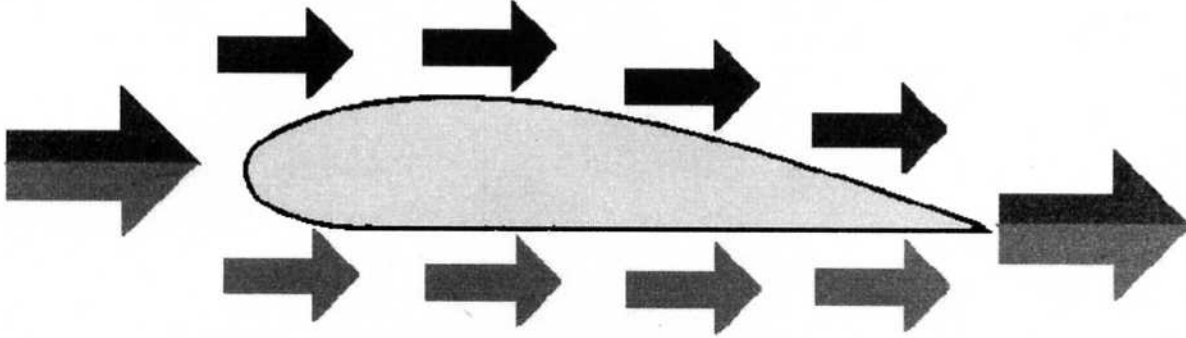


Bernoulli's Principle

Bernoulli's Principle = the pressure exerted by a moving stream of fluid is less than the pressure of the surrounding fluid

Lower pressure is caused by the increased speed of the air over the wing.



Since the pressure is higher beneath the wing the wing is pushed upwards.

Applications: - Air blows across the top of a chimney lowering the pressure there. Smoke is pushed up the chimney
- When a big truck passes a car, the car is pushed towards the truck.