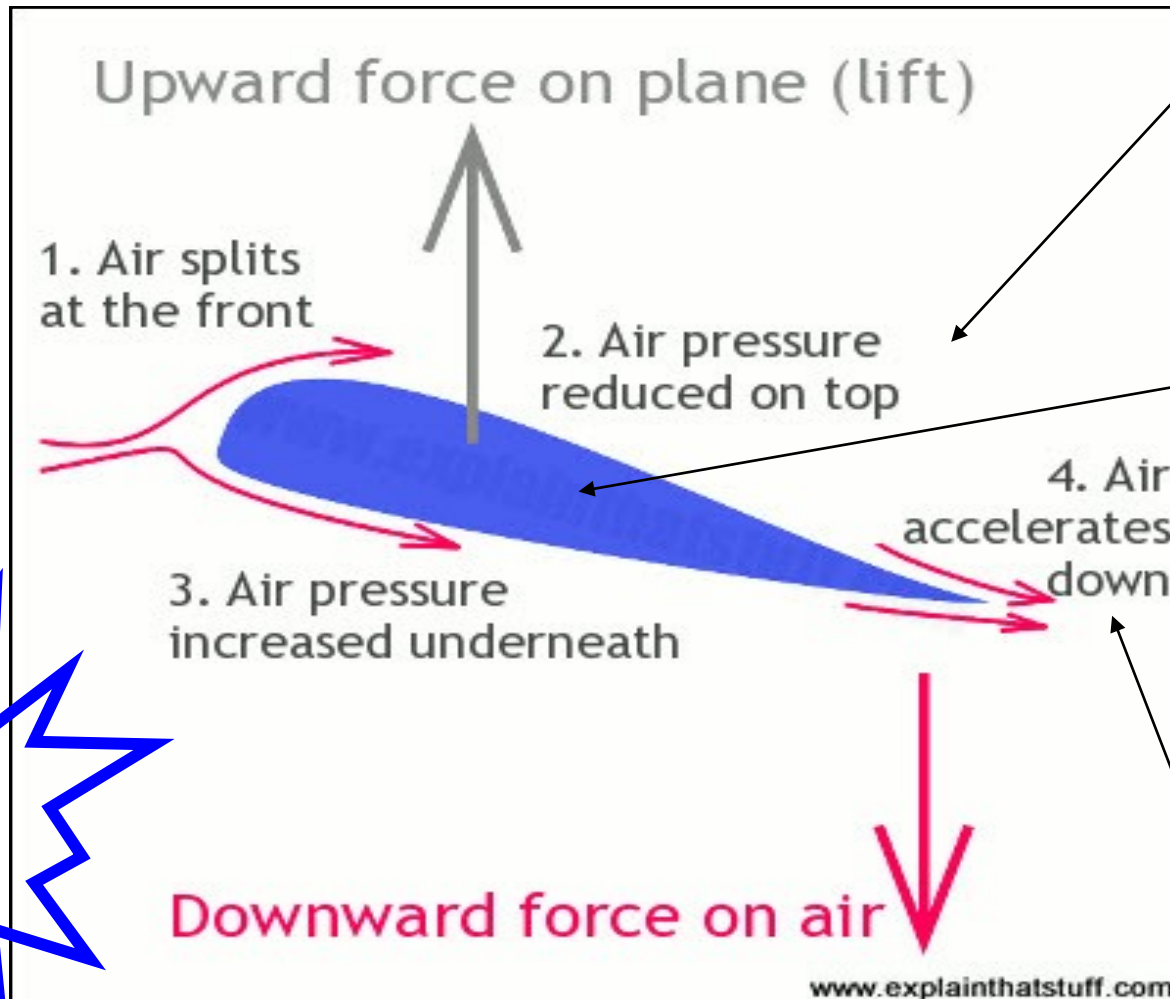
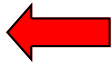


BERNOULLI WAS AN AIR-HEAD!

The Physics of Lift—How Propellers Work

Spin
Direction



The pressure on the top of the propeller blade is less than under the blade, because the air molecules travel further on the longer, curved surface on the top and are more spread out.

End view of a propeller. A propeller is just like a plane wing, except it spins!

There is downward force at the back of the propeller because the curving air molecules coming off the top of the propeller surface join with the air molecules that are deflected downward by the bottom of the propeller.

There is more
LIFT at the ends
of the propellers
because they
spin faster!

Propeller