

# Lesson Sheet: Why Aircraft Fly

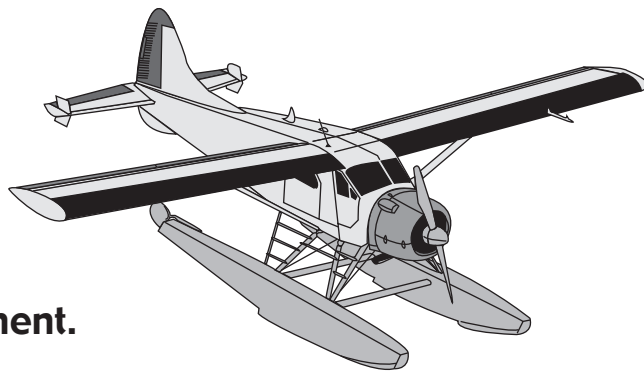
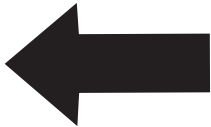
## LIFT

Air flowing over the wings and the angle of the wing into the wind moves the aircraft upward.



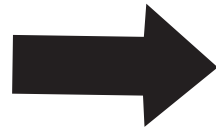
## DRAG

The shape of the aircraft slows its forward movement.



## THRUST

The engine turns the propeller. The propeller pulls the aircraft forward.



## GRAVITY

Weight holds the aircraft down.

To make an aircraft fly:

1. Lift must be greater than gravity (weight).
2. Thrust (power) must be greater than drag.