

Lesson Sheet: Why Aircraft Fly

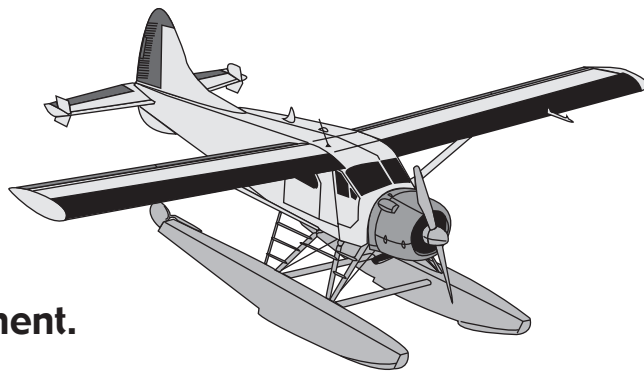
LIFT

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



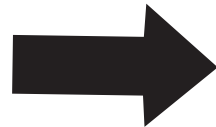
DRAG

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.