

# Soaring Oklahoma: Aerospace & Defense

You Have Friends in High Places

To be a professional in the Aerospace Industry, it is important to understand common vocabulary that might be used throughout the day. To effectively practice and prepare for a career in the industry you'll want to get to know these terms well enough to match them to their appropriate definitions (draw a line matching each word to its correct definition):

## Word Bank

Aerodynamics ●

Aileron ●

Attitude ●

Center of Gravity (CG) ●

Drag ●

Flaps ●

Glider ●

Launch ●

Lift ●

Nose ●

Rudder ●

Span ●

Stability ●

Streamlined ●

Thrust ●

Weight ●

Wing ●

## Definitions

● to send or shoot (something, such as a rocket) into the air or water or into outer space

● the retarding (slowing down) force exerted on a moving body by a fluid medium such as air or water

● the qualities of an object that affect how easily it is able to move through the air

● the property of a body that causes it, when disturbed from a condition of equilibrium or steady motion, to develop forces or moments that restore the original condition

● the position of an aircraft or spacecraft determined by the relationship between its axes and a reference datum (as the horizon or a particular star)

● the point at which the entire weight of a body may be considered as concentrated so that if supported at this point the body would remain in equilibrium in any position

● the maximum distance laterally from tip to tip of an airplane

● the front end or part of an aircraft designed to reduce drag

● the forward-directed force developed in a propeller, jet, or rocket engine as a reaction to the high-velocity rearward ejection of air or exhaust gases

● one of usually two long, flat parts of an airplane that extend from the sides and make it possible for the airplane to fly

● contoured to reduce resistance to motion through a fluid (as air)

● an aircraft that is similar to an airplane but without an engine

● a vertically hinged plate of metal, fiberglass, or wood mounted at the tail of an aircraft, used for effecting horizontal changes in course.

● a part of an airplane wing that can be moved up or down to cause the airplane to turn

● a movable auxiliary airfoil usually attached to an airplane wing's trailing edge to increase lift or drag

● a measurement that indicates how heavy a person or thing is

● a force available for overcoming the force of gravity

## Resources:

<http://www.merriam-webster.com/dictionary/>

[https://www.teachengineering.org/lessons/view/cub\\_airplanes\\_lesson06](https://www.teachengineering.org/lessons/view/cub_airplanes_lesson06)



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