

## Principles Of Helicopter Aerodynamics Questions And Answers

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### Principles of Helicopter Aerodynamics

In steady flight, the sum of thrust, drag, weight, and lift is always zero. There can be no unbalanced forces in steady, straight flight based upon Newton's Third Law.

### Quiz: 8 Questions To See How Much You Know About Aerodynamics

A helicopter can be defined as any flying machine using rotating wings (i.e., rotors) to provide lift, propulsion, and control forces that enable the aircraft to hover relative to the ground without forward flight speed to generate these forces.

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atmosphere on flight, basic aerodynamics, and helicopter fundamentals. CONDITIONS: You will use the material in this subcourse. STANDARD: To demonstrate competency of this task, you must achieve a minimum of 70% on the

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