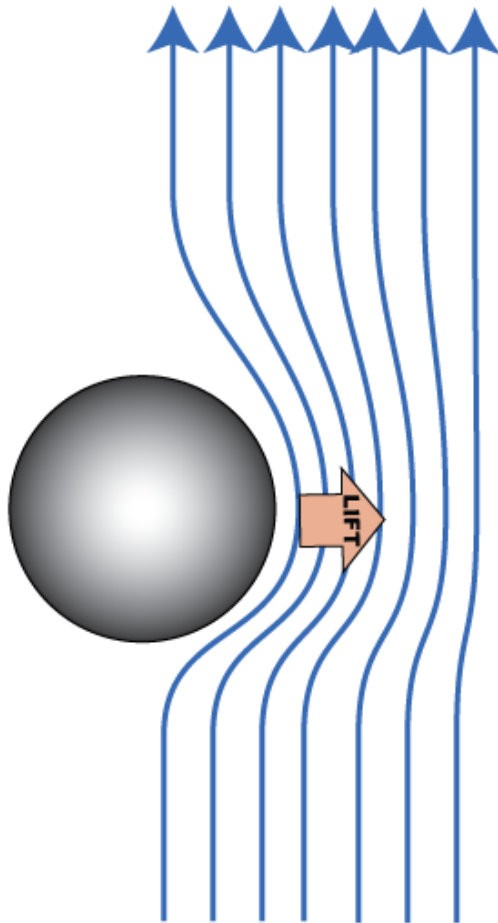
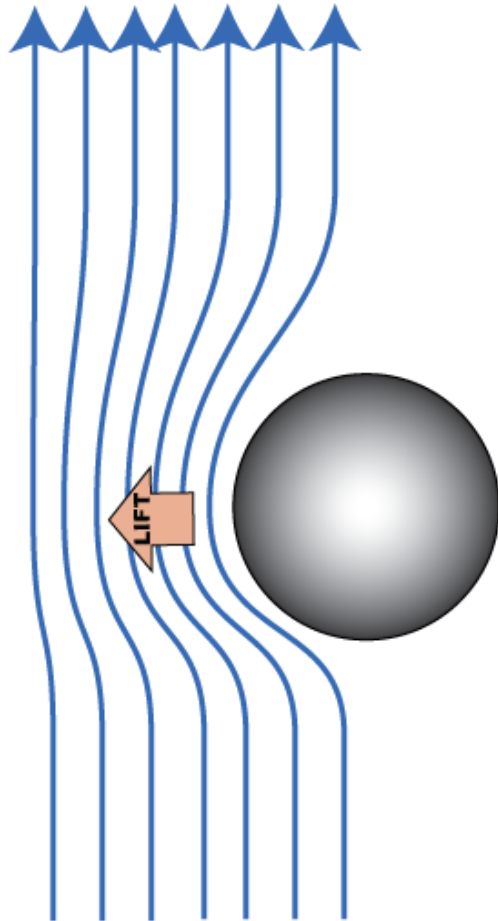


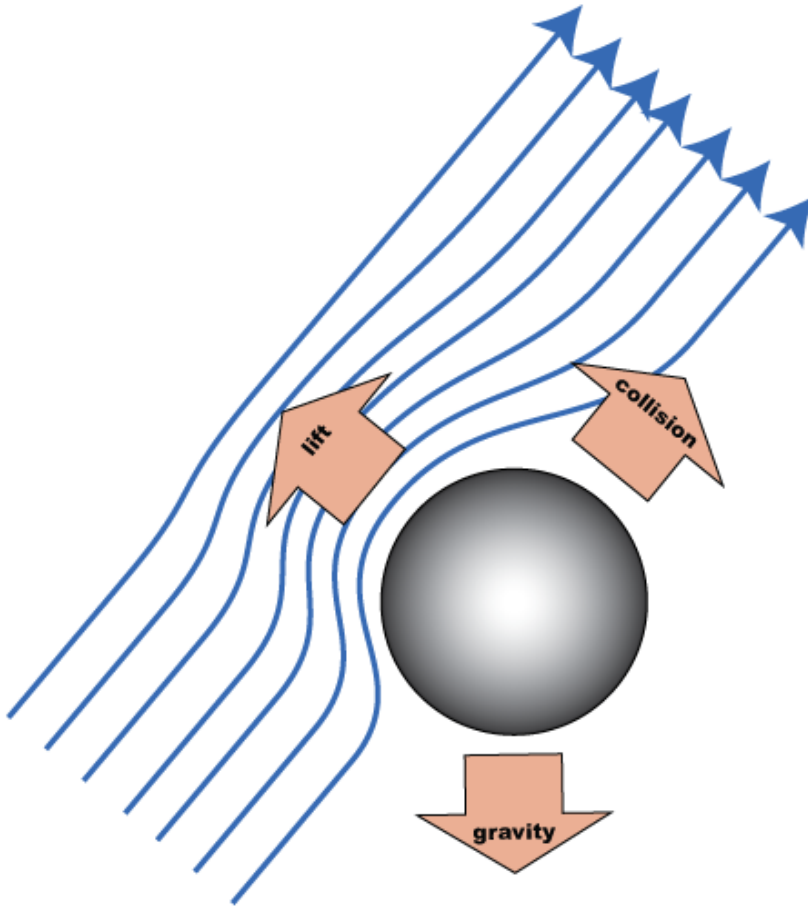
*A ball floats in the center of a stream of air. The air hitting it from below cancels the downward force of gravity.*



*The ball moves to the left of the stream of air. A Bernoulli lift force pulls it back to the center of the stream.*



*The ball moves to the right of the stream of air. The Bernoulli lift force reverses and the ball is once again pulled back to the center of the stream.*



*A stream of air travels at an angle up and over a beach ball. The force from collisions with air molecules tries to push the ball in the direction of the stream. The Bernoulli lift force tries to pull the ball directly into the stream. Gravity tries to pull the ball downward. When these three forces exactly cancel, the ball will stay put.*