Place the Strobotac and the Strobolux on a cart. Set the cart in front of the lecture table, well to the lecturer’s left side of the room. Orient the Strobolux, and tilt it slightly upward, to illuminate the space in front of the center of the lecture table.

Connect both the Strobotac and the Strobolux to the 120 VAC line, and connect the two by the special plug-in cable provided. Set the two switches on the back of the Strobolux to "medium" and "on". Set the switch on the back of the Strobotac to "direct", set the dial switch on the front to "low", and set the frequency dial to read in the neighborhood of 10. Darken the room completely except for light from the stroboscope.

Standing in front of and near the center of the lecture table, toss the ping-pong ball nearly vertically so that it will rise essentially to the bottom of the ceiling beam. The ball will be seen only in certain instantaneous positions, separated vertically by distances which are small near the top of the flight and larger at lower positions.