



“Deceleration of a BB in water”

Taylor Hinshaw, NCSSM '91

Twelve flash units were discharged 0.0004 second apart to illuminate the path of a BB, initially traveling at two-thirds the speed of sound, as it decelerated in a tank of water. The images appear side-by-side because they were reflected from a rotating mirror that swept the images across the film. This provided a space-time graph of the BB's motion.