5/16/15 acuum 2 TO PUMP Canna air PUMP DA Vacum is created in the cannon by removing air air connon from the pump. Lithout air, the ball has no air resistance to resist acceleration The back seal is broken accelerating the ball with will psi from atmosphil pressum lack of air in common causes ar to burst into the tube PUMP ball to - 300 mph be fore piston learny the barrel 5 The pany ball exits at a fast Velocity but is quickly slowed as soon as an resistance is re-introduced outside of the cannon. Robber Kesults: A perfect vacuum was not ocnieved by the pump's design at its sears.
The ball was launulud as expected but at a lesser velocity de to partial au resstance and a force CANNON Small than atmospheric Pressure William Carentald 5/31/15