INSTRUCTIONS:
(1) Turn the air blower "on" to the air track by pressing the “Genie” garage door switch. The blower should come on for 10 minutes. If it goes off while you are still working, simply start it again.
(2) Reset the timers and perform the experiment.
(3) When finished, leave the timers "on".

HINTS:
(a) Push $m_1$ through the first timing gate and note the time on the timer, quickly press the reset button to record the time it takes $m_1$ to return through the timing gate after it strikes $m_2$.
(b) Use the small glider as $m_1$ and the large glider as $m_2$.
(c) You may need to catch the gliders at the ends so they will not bounce back into the timing gates.

NOTES:
(A) The electronic timers should be set in the + Pulse Duration mode. Change if necessary.

CAUTION
Do not push the gliders too fast or you can damage the equipment.