ENGR 80 project

Your Name

June 24, 2013

1 Design objective

Here briefly describe the goal of your design and the parameters you are allowed to vary.

2 Assumption

Here list all the assumptions you made.

3 Analysis

Here show the analytical derivation of the equation of motion of the projectile. At the end you should have obtained an expression for the horizontal range expressed as a function of the design parameters. Show all steps made.

4 Results and output

Here show the final design parameters values selected to obtain maximum range. Show the plots made. Include any code or commands used. Describe how you obtained these optimal values.