Sensitivty Analysis - Volume of Propellent's Effect on Downrange Distance 70 60 Downrange Distance (m) 50 40 • Distance Acheived with varied V_{water} 30 -----Practical Low Limit on $V_{water} = 0.1 [L]$Practical High Limit on $V_{water} = 2 [L]$ \bigstar Optimal $V_{water} = 0.55 [L]$ 10 0 0.2 0.4 0.6 0.8 1.2 1.4 1.6 1.8 $V_{water} [L]$