Acceleration (Initial Velocity: 7.545 m/s) $C_{d} = 0.0$ -9.6 $C_d = 0.034$ $C_d = 0.08$ Acceleration (m/s²) -9.7-9.8-9.9-10.0-10.10.2 0.4 0.6 1.0 1.4 0.0 0.8 1.2 Time (s)