1σ , 2σ and 3σ Dispersion Ellipses: Landing Points Launch Point 30000 Simulated Apogee Nose Cone Landing Point Sustainer Landing Point 20000 -**Booster Landing Point** 10000 North (m 0 -10000 --20000 -30000-20000 -10000 10000 20000 30000 -30000East (m)