**McFarland Accident Challenge (Expanded) – Simulation Data**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Truck Mass  (grams) | Speed (Release height) | Truck speed (m/s) | | | | Car distance (cm) | | | |
| Trial 1 | Trial 2 | Trial 3 | Average | Trial 1 | Trial 2 | Trial 3 | Average |
| 500 | Low |  |  |  |  |  |  |  |  |
| Mid |  |  |  |  |  |  |  |  |
| High |  |  |  |  |  |  |  |  |
| 750 | Low |  |  |  |  |  |  |  |  |
| Mid |  |  |  |  |  |  |  |  |
| High |  |  |  |  |  |  |  |  |
| 1000 | Low |  |  |  |  |  |  |  |  |
| Mid |  |  |  |  |  |  |  |  |
| High |  |  |  |  |  |  |  |  |