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| --- | --- |
| Rocket Mass | .314 kg |
| Rocket Charged Mass | 1.45 kg |
| Mass of Propellant | 1.136 kg |
| Volume of Propellant | .946 L |
| Launch Pressure | 75 psi |
| Number of Stages | 1 |
| Friction Device | Parachute |
| Number of Nozzles | 1 |
| Area of Friction Device | 3419.46 m2 |
| Maximum Angle at Launch Apex | 60° |
| Observer Distance | 53 m |
| Maximum Height | 91.8 |
| Actual Flight Time | 6.85 s |
| Average Actual Velocity for Total Trip | 26.8 m/s |
| Theoretical Flight Time | 8.6567 s |
| Error in Flight Time due to Air Friction | 21 % |
| Rocket Length | 66 cm |