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the missile system. Simulation of the missile flight path can provide valuable information about these requirements. A missile flight simulation is a computational tool that calculates the flight of a missile from launch until it engages the target. The simulation is based on mathematical models of the missile, target and environment.

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ballistic target flight trajectory simulation (a matlab program) ... systems) on any simulated missile flight time. 1. bm mwm simulation: ... %and optimum trajectories as well as on missile flight time %according to specified co-ordinates of launch and points of fall by bm

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part of each missile simulation is the missile dynamics equations which govern how the missile will react to a given force or moment. These equations can be ... the motion of a missile in flight both its translational and rotational motion must be known. The translational motion is governed by equation. 1 which is

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