



## Exterior Ballistics

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***The field of exterior ballistics includes the understanding and analysis of the flight of bullets, fragments, rockets, mortars, artillery, and other projectiles. Exterior Ballistics is the field described after the launch of a system and prior to any solid body interactions such as an impact. It involves the sciences of kinetics and kinematics, mechanics, gas dynamics and thermodynamics and specifically looks at drag effects, trajectories, projectile loading, shock physics payload and range. It can account for external effects such as wind or other environmental conditions.***

***The International Ballistics Society is interested in all areas and applications of exterior ballistics. The Society promotes innovative methods for analysis of exterior ballistics as well as better understanding of the physics and phenomena associated with ballistic flight. This understanding can be used to improve effectiveness and efficiencies of ballistic systems, projectile stabilization or to explain anomalies or strange observations in testing of systems.***