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These formulae enable us to calculate the basic parameters of motion of a point mass directly from the initial data $V_0, \hat{i}, 0$, as in the theory of parabolic motion. With zero drag ($k = 0$), the proposed formulae go over into the respective formulae of point mass parabolic motion theory.

Simple analytical description of projectile motion in a

Chapter 2 SBAU219Dâ€“December 2013â€“Revised May 2014 Time-of-Flight Basics The core of an optical time-of-flight system consists of a light transmitter and a receiver.

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Deperdussin Monocoque - Wikipedia

The Wright brothers, Orville (August 19, 1871 â€“ January 30, 1948) and Wilbur (April 16, 1867 â€“ May 30, 1912), were two American aviation pioneers generally credited with inventing, building, and flying the world's first successful airplane. They made the first controlled, sustained flight of a powered, heavier-than-air aircraft with the Wright Flyer on December 17, 1903, four miles south of ...

Wright brothers - Wikipedia

Knowledge of elementary mathematics and physics is an essential for success in both the ground examinations and when working as a commercial pilot.

Pre Test Guidance Material - Flight Training Europe

Stall Speed at $C_{lmax}=x.xx$ - This appears only on the in-flight analysis, and only if the wing area and airframe weight were specified for the model. It indicates the range of speeds which are at or below the aircraft's stall speed at the maximum lift coefficient (i.e. the speed below which the aircraft cannot fly).

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AN AIRCRAFT MODEL FOR COMPUTATIONAL SIMULATION Daniel Baraldi Sesso Safety Analysis Group

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Albert Einstein - Wikiquote

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