

Flight Vehicle Aerodynamics

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Hypersonic Flight Vehicle Design and Performance Analysis ...
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Department of Aeronautics and Astronautics - MIT
The following report summarizes the findings of a six month research investigation of the "mesicopter" concept, a flying vehicle with dimensions of about two and a half centimeters. Research focused on low Reynolds number aerodynamics, motor and power system design, and meso scale fabrication methods. Our work resulted in the design, component fabrication, and assembly of two

The Mesicopter: A Meso-Scale Flight Vehicle | Nanoscale ...
About Flight Vehicle Aerodynamics An overview of the physics, concepts, theories, and models underlying the discipline of aerodynamics. This book offers a general overview of the physics, concepts, theories, and models underlying the discipline of aerodynamics.

Flight Vehicle Aerodynamics by Mark Drela: 9780262526449 ...
Aerodynamics seeks, in particular, to explain the principles governing the flight of aircraft, rockets, and missiles. It is also concerned with the design of automobiles, high-speed trains, and ships, as well as with the construction of such structures as bridges and tall buildings to determine their resistance to high winds.