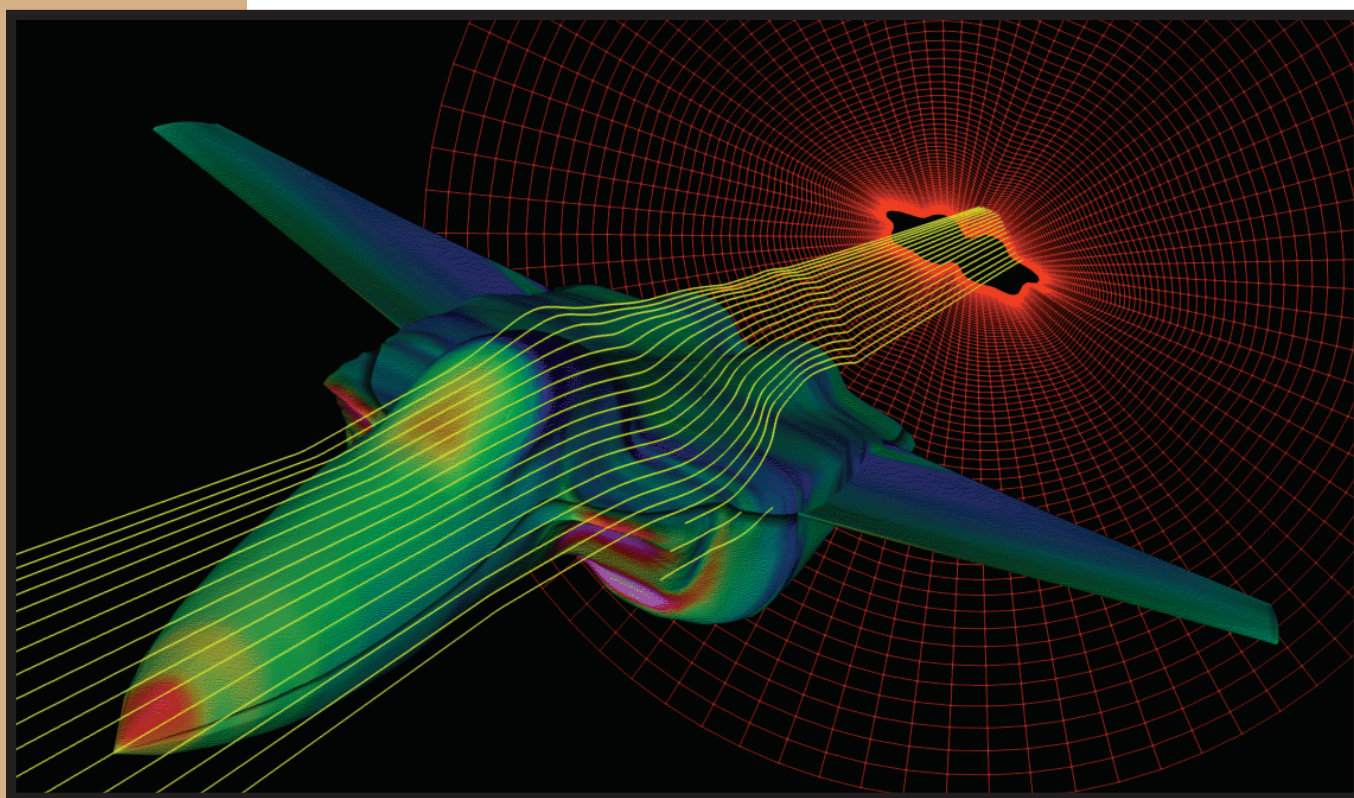




# Designing Aircraft

The flow of air (and water) has been studied for over a hundred years, but only recently have mathematicians begun to understand the complicated phenomenon of turbulence that is a crucial part of aerodynamics. With mathematics and modern computers, wind tunnels are now seldom used in aeronautical design.



Photograph courtesy of NASA Ames Data Analysis Group.



The **Mathematical Moments** program promotes appreciation and understanding of the role mathematics plays in science, nature, technology, and human culture.