Aerospace Engineering

Aerospace engineering is concerned with the development of aircraft and spacecraft. It has two major and overlapping branches: aeronautical engineering and astronautical engineering. Avionics engineering is similar, but deals with the electronics side of aerospace engineering.

- Aerodynamics and Aircraft Performance (Marchman)

- Front Matter
- 1: Introduction to Aerodynamics
- 2: Propulsion
- 3: Additional Aerodynamics Tools
4: Performance in Straight and Level Flight
• 5: Altitude Change - Climb and Guide
• 6: Range and Endurance
• 7: Accelerated Performance - Takeoff and Landing
• 8: Accelerated Performance - Turns
• 9: The Role of Performance in Aircraft Design - Constraint Analysis
• 10: Appendix - Airfoil Data
• Back Matter