

Aerospace Engineers

Aerospace Engineers are professionals who design, develop, test, and maintain aircraft, spacecraft, satellites, and missiles. They apply principles of physics, mathematics, and engineering to improve flight systems and ensure safety and efficiency. Their work plays a key role in aviation, defense, and space exploration industries.

Duties and Responsibilities (Points):

- Design aircraft, spacecraft, and related systems
- Test prototypes to ensure safety and performance
- Analyze data from experiments and flight tests
- Improve fuel efficiency and aerodynamics
- Develop and maintain aviation and space technology
- Ensure compliance with safety and regulatory standards
- Troubleshoot technical problems and system failures
- Collaborate with other engineers and specialists
- Use computer simulations and modeling tools
- Research new materials and technologies for aerospace development