



Aerospace Engineers design, construct and test aircraft, missiles and spacecraft.

Good aerospace engineers are curious, analytical and have a passion for flight.

Also known as:

Design Engineer, Flight Test Engineer, Systems Engineer

About the Aerospace Engineer Job

Use of Technology

- Computer-aided design and engineering software
- Flight simulation and modeling tools
- Wind tunnels and test facilities

Work Environment

Office setting, sometimes in labs and on shop floors, some travel.

Check out this [YouTube](#) video to learn more!



Day-to-Day Tasks

Develop designs based on mathematical models; conduct tests on aerospace prototypes; modify designs to meet customer requirements.



Skills + Knowledge

Analyze and evaluate designs, math, problem-solving, communications, physics.



Related Careers

Engineering Manager, Industrial Engineer and Materials Engineer

The Aerospace Engineer Job Market

Annual demand/job outlook

- 250 new aerospace engineers needed this year

Apprenticeships in WA:

- www.speea.org

Compensation

- Entry level - \$103,100
- Average - \$148,100
- Experienced - \$170,500

Job posting snapshot

- 1,430 job ads in WA in 2024



Training is available at a [Washington Community or Technical College](#) near you.