



**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

- 314 new aerospace engineers needed this year

### Apprenticeships in WA:

- [www.speea.org](http://www.speea.org)

### Compensation

- Entry level - \$116,500
- Average - \$158,600
- Experienced - \$179,700

### Job posting snapshot

- 740 job ads in WA in 2025



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