

## **Aerospace Engineer**

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I always wanted to discover space and build things and an aerospace engineers the right job. Aerospace engineers build rocket ships, aviation machines, and also satellites. This is my dream career and I'm going to make it come true.

To be an aerospace engineer, you need a bachelor's degree. In high school, if you're interested in being an aerospace engineer, then you should take classes in chemistry, physics, and math. Some important skills you need to be an aerospace engineer are that you need math skills, writing skills, problem-solving skills, critical thinking skills, business skills, and analytical skills. You also need many other requirements like a degree from ABET-accredited engineering program, passing the Fundamentals of engineering exam, around 4 years of work experience, and a passing score on the Professional Engineering exam.

In 2016, the median salary for an aerospace engineer was \$109,650 per year and \$52.72 per hour. That means in 2 hours you get \$105.44. The lowest 10% got a salary of less than \$69,150 and the top 10% got a salary of over \$160,290. Aerospace engineers mainly work full time. Engineers who direct projects must often work extra hours to monitor the progress of the construction.

Konstantin Tsiolkovsky is a famous inventor and is famous for inventing spaceflight and rocket engineering. Konstantin Tsiolkovsky was one of the founders of aerospace engineers. He was born on September 17, 1857, and died on September 19, 1935. Konstantin Tsiolkovsky was one of the founders of aerospace engineers.

Aerospace engineering was originally called aeronautical engineering or astronautical engineering. The name had to change because the field of aerospace engineering was growing too much. In 1958, the first meaning of aerospace engineering appeared. These days, the constantly changing aerospace meaning has over ran the terms, aeronautical engineering and astronautical engineering. The field keeps growing.

The history of aerospace engineering goes back until the first flight vehicles made. Leonardo Da Vinci made the first flying vehicle, the ornithopter. It used big flapping wings, trying to imitate a bird. The second idea made was an aerial screw. The first manned flight was a hot air balloon designed by the French brothers Joseph-Michel and Jacques-Étienne Montgolfier.

The use of rocket engines opened a new world of flight for aerospace engineers. Robert H. Goddard, an American, developed, built, and flew the first successful liquid-propellant rocket on March 16, 1926. Robert proved that pilots can drive planes faster than the speed of sound and proved that rockets can be in vacuums. James Hart Wyld designed, built, and tested the first U.S., self-spawning, cooled liquid rocket engine. In 1947 Wyld's rocket engine powered the first supersonic research craft the, Bell X-1, flown by the U.S. Air Force captain, Charles E. Yeager.

Aerospace engineer is my dream job. Being an aerospace engineer is my dream job. Hopefully it comes true.

<http://www5.milwaukee.k12.wi.us/school/cooper/>

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