

# Careers In Engineering



## Aerospace engineering



# Experience or training needed

- Most people need very good grades in high school classes such as chemistry, physics, and math, including algebra, trigonometry, and calculus.
- Most workers need a bachelors degree in aeronautics or other engineering field or something in sciences related to aerospace, including field study's in propulsion, stability, mechanics, and aerodynamics.
- The common way for a person to become a aerospace engineer is to start at an aerospace firm (Conexus Indiana) as employers value experience in industrial firms, then move into a airplane manufacturer or the military, which always need more manufactures with lots of experience, then move on (with enough skill) to a more government centered firm, such as NASA.



# Job Tasks



- First, what do you need to do?
- Well, as a aeronautics and space engineer, you would create aircraft components and support equipment for aircraft.
- Create a group to create new repair procedures for aircraft that have somehow been damaged.
- Other aerospace engineers may make conceptual drawings or prototypes of possible future aircraft.
- Analyze project requests and proposals and engineering data to determine feasibility, production cost, and production time of aerospace or aeronautical product.

# Location of jobs for a aerospace engineer

- Certain NASA organizations, the Army, Air Force and Navy Research Centers are obvious aerospace jobs, all in the US.
- The United Kingdom have lots of jobs for experienced engineers
- B.F. Goodrich Aerospace Akron, OH
- Rolls Royce Allison, Indianapolis, IN
- ITT Defense & Electronics, Ft. Wayne, IN
- Motorola Inc. Schaumburg, IL
- All of these companies are relatively near to or in indiana



- The average annual wage for aerospace engineers was \$103,720 in May 2012. The lowest 10 percent earned less than \$65,500, and the top 10 percent earned more than \$149,000.
- a report by U.S. News & World Report said, aerospace engineers graduating with a master's degree started out at an average salary of \$62,500 as of 2009.
- Many who get their master's degree push on for their Ph.D. and had an expected starting salary of \$73,750 per year as of 2009.

Typical  
yearly  
salary



# Travel?

- Well, yeah it is aerospace engineering, but aside from that, the united kingdom is leading in the number of large aerospace firms, such as, Deloitte, which has over 10,000 engineers in its staff.
- There are a few companies if you don't like to travel, such as ITT Defense in fort Wayne



# References page

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