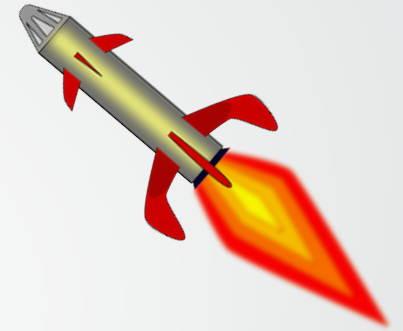




# Aerospace Engineer

By: Ethan Gustafson

# Job Description



- ☐ **Job Description-** Aerospace engineers Perform engineering duties in design, constructing, and testing aircraft, missiles, and spacecraft industry. May operate basic and applied knowledge to calculate the right use of materials and equipment to aircraft design and manufacture. May recommend improving parts in testing equipment and techniques.



## Required Education

- The Degree that is required for this job is the a bachelors degree in Aerospace, Aeronautical, and Astronautically Engineering. There is no on-the-job training either.

# Colleges fro this degree

- There are a lot of colleges that actually offer the degrees needed for this career:
  - University of Arizona Located In: Tucson, Arizona
  - California Institute of Technology Located In: Pasadena, California
  - Massachusetts Institute of Technology Located In: Cambridge, Massachusetts



**Massachusetts  
Institute of  
Technology**





## Annual Wage

- The annual wage for this profession in Texas is \$97,800.
- The annual pay for this profession internationally is \$99,00

# Company Employment

The NASA logo, featuring the word "NASA" in a bold, black, sans-serif font.

- There are many companies that will employ aerospace engineers such as:
  - NASA
  - Boeing
  - Space X





# Typical Duties

- The things that people in this career section do are all with technology and equipment
  - Inspect Equipment and systems
  - Direct design or development activities
  - Test performance of electrical, electronic, mechanical, or integrated systems/equipment
  - Evaluate and determine plans for specific details on technological and environmental implications
  - Design and build electromechanical equipment/systems



# The outlook for this field



- The outlook for jobs in this field is normal. This means that this job looks like it will be needed, but only to a certain extent.





# Pros for this job

1

This job involves science and math, which are both my favorite subjects in school.

2

Many of the companies that I am interested in hire people from this profession. Which means I can work for the company that I want which makes this job even more fun.

3

This job has to do with space and air travel, which I would love to further research and become more familiar with.

# Cons for this job



1	You must have many years of work of work-related work, on-the-job training, or vocational training. This means that you have to spend many extra years in training which is time consuming
2	College can be very expensive, and depended on the training or services needed the prices can add up for all the costs together.
3	The companies I would prefer to work at could be out of state and so can college, so this means travel. Travel can be very expensive, especially with student loans and being in college with a low amount of money.



# Why Would You Choose This Job

- I would choose this job for many reasons. This job seems interesting to me because it has the two skills and subjects involved that I like ,science and math. The companies that hire for this job are very cool and attractive to me, so that would make this experience even more fun. This would also be a fun job I would like to do so this means that I would work better since I like doing this profession.



# Bibliography

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