

Aerospace Engineers

17-2011.00



Description: Perform engineering duties in designing, constructing, and testing aircraft, missiles, and spacecraft.

Other Resources:

[ONET Link](#)

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Sample of Reported Job Titles: Aeronautical Engineer, Aerospace Engineer, Aerospace Stress Engineer

Job Zone

Title: 4 - Considerable Preparation Needed

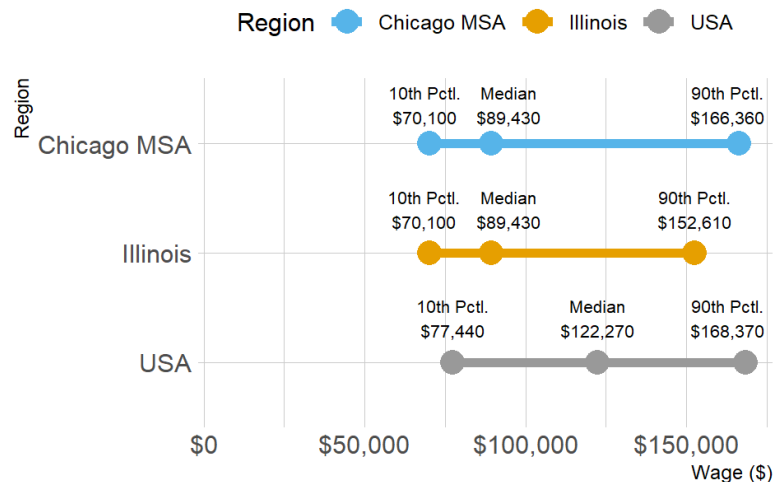
Education: Require a four-year bachelor's degree.

Experience: A considerable amount of work-related skill, knowledge, or experience is needed.

Training: Several years of work-related experience, on-the-job training, and/or vocational training needed.

Hot Technologies: Autodesk AutoCAD, C#, C++, Computer aided design and drafting CADD software, Dassault Systemes CATIA, Dassault Systemes SolidWorks

Region	Employment	Location Quotient	Median Wage
Chicago MSA	250	0.15	\$89,430
Illinois	400	0.18	\$89,430
USA	56,640	—	\$122,270



Top 5 Core Tasks According to Current Job Holders

Importance
Frequency (out of 100)

Formulate mathematical models or other methods of computer analysis to develop, evaluate, or modify design, according to customer engineering requirements.

Daily

81

Plan or conduct experimental, environmental, operational, or stress tests on models or prototypes of aircraft or aerospace systems or equipment.

More than
yearly

80

Plan or coordinate investigation and resolution of customers' reports of technical problems with aircraft or aerospace vehicles.

More than
monthly

78

Formulate conceptual design of aeronautical or aerospace products or systems to meet customer requirements or conform to environmental regulations.

More than
weekly

78

Write technical reports or other documentation, such as handbooks or bulletins, for use by engineering staff, management, or customers.

More than
monthly

77