

## Aerospace Engineering and Operations Technologists and Technicians

17-3021.00



**Description:** Operate, install, adjust, and maintain integrated computer/communications systems, consoles, simulators, and other data acquisition, test, and measurement instruments and equipment.

### Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

**Sample of Reported Job Titles:** Avionics Installation Technician, Avionics Technician

### Job Zone

**Title:** 3 - Medium Preparation Needed

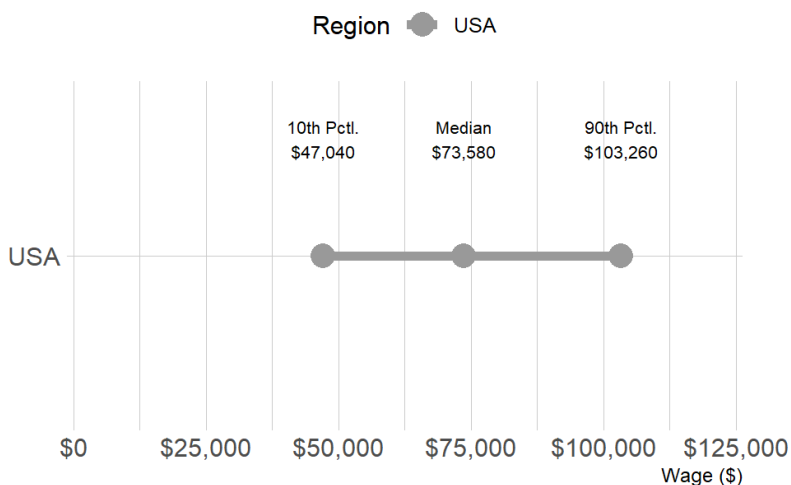
**Education:** Require training in vocational schools, related on-the-job experience, or an associate's degree.

**Experience:** Previous work-related skill, knowledge, or experience is required.

**Training:** One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

**Hot Technologies:** Apache Hadoop, Atlassian JIRA, Autodesk AutoCAD, C++, Computer aided design CAD software, Dassault Systemes CATIA, Dassault Systemes SolidWorks

Region	Employment	Location Quotient	Median Wage
USA	10,900	–	\$73,580



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Test aircraft systems under simulated operational conditions, performing systems readiness tests and pre- and post-operational checkouts, to establish design or fabrication parameters.	More than yearly	93
Identify required data, data acquisition plans, and test parameters, setting up equipment to conform to these specifications.	More than monthly	92
Inspect, diagnose, maintain, and operate test setups and equipment to detect malfunctions.	More than monthly	89
Record and interpret test data on parts, assemblies, and mechanisms.	More than weekly	89
Confer with engineering personnel regarding details and implications of test procedures and results.	Daily	89