

All the information in this section is provided by the Florida Department of Education's website provided by the Bridges' Corporation and can be found at <http://florida.echoices.com>.

Aircraft Mechanic ... (Goldstar)

Description

Inspects, tests, repairs, maintains, and services aircraft. Spends an increasing amount of time repairing electronic systems such as computerized controls.

Typical Tasks

- Adjusts, aligns, and calibrates aircraft systems, using hand tools, gauges, and test equipment.
- Examines and inspects aircraft components for cracks, breaks, or leaks.
- Tests engine and system operations, and listens to engine sounds to detect and diagnose malfunctions.
- Disassembles and inspects parts for wear, warping, and other defects.
- Repairs, replaces, and rebuilds aircraft structures, functional components, and parts, such as wings, fuselage, rigging, and hydraulic units.
- Services aircraft by flushing the crankcase, cleaning screens, greasing moving parts, and checking brakes.
- Assembles and installs electrical, mechanical, hydraulic, and structural components and accessories.
- Modifies aircraft structures, systems, and components, following drawings, engineering orders, and technical manuals.

Field of Work

A field of work represents a broad, general area of work activity. Occupations that have similar types of work are assigned to the same field.

• Installation, Maintenance, and Repair Occupations

Occupations that involve maintaining and repairing items such as machines, cars, or appliances.

Career Pathways

Occupations have been organized into Career Pathways to help students with high school course planning.

• Engineering and Industrial Technologies

Occupations related to the technologies necessary to design, develop, install, or maintain physical systems. These may include engineering, manufacturing, construction, service and related technologies.

Career Clusters

The U.S. Department of Education has established 16 broad Career Clusters that contain all entry-level through professional-level occupations in a broad industry area. Clusters consist of grouped career areas with similar skill and education requirements.

• Transportation, Distribution & Logistics Services

Occupations that include activities such as planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Specialties and Similar Occupations

Other occupations that are more detailed or similar to this broad occupation. DOT codes are from the Dictionary of Occupational Titles.

• Aircraft Body Repairer (DOT 807.261-010)

Repairs sheet and extruded metal structural parts of aircraft and missiles according to design specifications, using handtools and power tools and metalworking machinery.

• Aircraft Body and Bonded Structure Repairers (O*NET 85323B)

Repair body or structure of aircraft according to specifications.

• Airframe-and-Power-Plant Mechanic (DOT 621.281-014)

Services, repairs, and overhauls aircraft and aircraft engines to ensure airworthiness.

• Experimental Aircraft Mechanic (DOT 621.261-022)

Inspects, tests, repairs, maintains, services, and modifies experimental and prototype aircraft, engines, accessories, and components according to governmental, company, and customer requirements.

For More Information

The following organization(s) may provide additional information about this occupation.

Professional Aviation Maintenance Association
636 Eye Street, NW Suite 300
Washington, DC 20001-3736

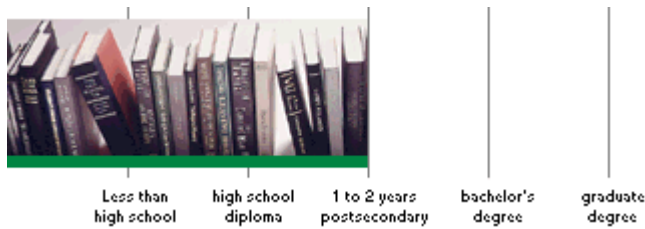
Related Resources

- O*NET-SOC occupation: 49-3011.01 Airframe-and-Power-Plant Mechanics
- SOC occupation: 49-3011 Aircraft Mechanics and Service Technicians

- Occupational Outlook Handbook (2002/2003) page 483
- Military Careers (2001 edition) page 182

Education, Training and Work Experience

Education, training, and experience are required at different levels for success in different occupations. The education level for this occupation:



• Post-secondary training, plus work experience

Requires specialized training at vocational technical schools, community colleges, 2-year colleges, or private vocational schools. Related work experience is required.

National information:

The FAA requires at least 18 months of work experience for an airframe, powerplant, or avionics repairer's certificate. Although a few people become mechanics through on-the-job training, most learn their job in 1 of about 200 trade schools certified by the FAA. About one-third of these schools award 2- and 4-year degrees in avionics, aviation technology, or aviation maintenance management.

Related Education Programs and Notes (CIP codes shown with programs):

- Aircraft Mechanic/Technician, Airframe (47.0607)
- Aircraft Mechanic/Technician, Powerplant (47.0608)
- Aviation Systems and Avionics Main. Technologist/Technician (47.0609)
- certification
- apprenticeship

Licensure/Certification Information:

The Federal Aviation Administration (FAA) certifies (licenses) aircraft mechanics as Mechanic - Airframe and Powerplant. For additional information, you may visit the following Web sites.

dothr.ost.dot.gov/Careers/airmech.htm

Transferable Work Content Skills

Skills used in this occupation that are used in other occupations:

- **Using electrical/electronic testing instruments (high level)**
- **Using mechanics hand and power tools (high level)**
- **Repairing electrical/electronic objects (high level)**
- **Repairing mechanical objects (high level)**
- **Following written repair work orders (high level)**
- **Observing and diagnosing mechanical problems (high level)**
- **Following manufacturing blueprints and diagrams (high level)**
- **Operating computerized diagnostic equipment in mechanics (high level)**

Basic Skills / Basic SCANS Skills

Basic Skills information comes from O*NET. Basic skills provide the foundation for learning other types of material. Many of these skills are related to SCANS Skills. For each skill, the level needed to perform the occupation is shown. Skills important to the occupation are checked.

Important Skills

	Important Skills	Skill Level		
		low	medium	high
• Reading comprehension	<input checked="" type="checkbox"/>	██████████		
• Active listening		██████████		
• Writing		██████████		
• Speaking		██████████		
• Mathematics	<input checked="" type="checkbox"/>	██████████		
• Science		██████████		
• Critical thinking	<input checked="" type="checkbox"/>	██████████		
• Active learning	<input checked="" type="checkbox"/>	██████████		
• Learning strategies		██████████		
• Monitoring		██████████		

General Workplace Skills

Information for General Workplace Skills comes from O*NET (Cross Functional Skills). General Workplace Skills are practiced activities that help workers achieve success in various occupations. The significant skills for this occupation are:

Complex Problem Solving Skills

- Problem identification ... (medium level)

Identifying the nature of problems.

Technical Skills

- Equipment selection ... (medium level)

Determining the kind of tools and equipment needed to do a job.

- Installation ... (medium level)

Installing equipment, machines, wiring, or programs to meet specifications.

- Testing ... (medium level)

Conducting tests to determine whether equipment, software, or procedures are operating as expected.

- Operation monitoring ... (medium level)

Watching gauges, dials, or other indicators to make sure a machine is working properly.

- Product inspection ... (medium level)

Inspecting and evaluating the quality of products.

- Equipment maintenance ... (medium level)

Performing routine maintenance and determining when and what kind of maintenance is needed.

- Troubleshooting ... (medium level)

Determining what is causing an operating error and deciding what to do about it.

- Repairing ... (medium level)

Repairing machines or systems using the needed tools.

Suggested School Courses

A course plan is available for the Career Pathway listed below:

- [Engineering and Industrial Technologies](#)

Aptitudes

Aptitudes reflect a person's ability to acquire skills and knowledge. Significant aptitudes for this occupation are checked.

Significant Aptitudes

	Significant Aptitudes	Aptitude Level				
		bottom 10%	bottom 1/3	middle 1/3	top 1/3	top 10%
General learning ability	<input checked="" type="checkbox"/>	----- ----- ----- ----- -----				
Verbal aptitude	<input type="checkbox"/>	----- ----- ----- ----- -----				
Numerical aptitude	<input type="checkbox"/>	----- ----- ----- ----- -----				
Spatial perception	<input checked="" type="checkbox"/>	----- ----- ----- ----- -----				
Form perception	<input checked="" type="checkbox"/>	----- ----- ----- ----- -----				
Clerical perception	<input type="checkbox"/>	----- ----- ----- ----- -----				
Eye-hand coordination	<input type="checkbox"/>	----- ----- ----- ----- -----				
Finger dexterity	<input type="checkbox"/>	----- ----- ----- ----- -----				
Manual dexterity	<input checked="" type="checkbox"/>	----- ----- ----- ----- -----				

Career Areas and GOE

Career Areas relate to basic types of interests that people have.

- **Mechanical ... (Career Area 05)**

Here workers use tools and machines, or apply the ideas and principles of machines and tools in their work. Their jobs are in many settings, but not factories. People with this interest are in a wide range of occupations. They range from highly skilled engineers to operators of simple machines.

- **Craft Technology ... (GOE 05.05)**

Craft Technology is highly skilled custom hand and machine work requiring mastery of a process or technique. Food preparation is also included in this group. Some workers provide mechanical services to people and businesses.

Work Values

Work values may be thought of as aspects of work that are satisfying to you. It is important to remember that a specific job with a particular employer may not support the work value to the same degree as for the occupation in general. Work value information is obtained from O*NET.

- **Achievement ... (moderately characteristic of this occupation)**

Occupations with this work value satisfy the need to use your best abilities, see the results of your work, and get a feeling of accomplishment.

- **Support ... (moderately characteristic of this occupation)**

Occupations with this work value satisfy the need to know the company stands behind its workers and has competent, considerate and fair management.

Interests

O*NET uses six categories to describe work environments and interests (compatible with Holland's Model). The following codes reflect the categories which best describe this occupation:

- **Realistic**

You are a "doer". You usually prefer physical activities, games and projects rather than socializing. You like to find concrete solutions to problems by trying out various possibilities. You often avoid situations that involve a lot of discussion with other people, and you usually want to go further than working out a problem in theory - you want to see how your solutions work.

- **Investigative**

You like to analyze situations and work with ideas to find creative solutions. You prefer to work on your own and usually don't like having to persuade other people to accept your ideas.

Myers-Briggs Types

The MBTI uses four letters to represent how people like to look at things and how they like to go about deciding things. **E** Extraversion or **I** Introversion, **S** Sensing or **N** Intuition, **T** Thinking or **F** Feeling, and **J** Judging or **P** Perceiving. This occupation is part of the career field:

- **Labor Trades & Services -- Machine Operation/Repair**

in which the type assessment was done. Types commonly found in this field are:

- **ISTP**

Characteristics frequently associated with ISTP (Introversion/Sensing/Thinking/Perceptive): Tolerant and flexible, quiet observers until a problem appears, then act quickly to find workable solutions. Analyze what makes things work and readily get through large amounts of data to isolate the core of practical problems. Interested in cause and effect, organize facts using logical principles, value efficiency.

• **ESTP**

Characteristics frequently associated with ESTP (Extraversion/Sensing/Thinking/Perceptive): Flexible and tolerant, they take a pragmatic approach focused on immediate results. Theories and conceptual explanations bore them -- they want to act energetically to solve the problem. Focus on the here-and-now, spontaneous, enjoy each moment that they can be active with others. Enjoy material comfort and style. Learn best through doing.

• **ESTJ**

Characteristics frequently associated with ESTJ (Extraversion/Sensing/Thinking/Judging): Practical, realistic, matter-of-fact. Decisive, quickly move to implement decisions. Organize projects and people to get things done, focus on getting results in the most efficient way possible. Take care of routine details. Have a clear set of logical standards, systematically follow them and want others to also. Forceful in implementing their plans.

• **ENTJ**

Characteristics frequently associated with ENTJ (Extraversion/Intuition/Thinking/Judging): Frank, decisive, assume leadership readily. Quickly see illogical and inefficient procedures and policies, develop and implement comprehensive systems to solve organizational problems. Enjoy long-term planning and goal setting. Usually well informed, well read, enjoy expanding their knowledge and passing it on to others. Forceful in presenting their ideas.

National Employment and Outlook

Separate employment figures for Aircraft Mechanic are not available. However, this occupation is included in the larger group of "Aircraft mechanics and service technicians."

Annual number of job openings (2000 to 2010): Very Small.

Job Openings	very small number	A total of 6,000 average annual job openings is expected for this occupation between 2000 and 2010. (The National average for all occupations is 8,371 openings.)
Outlook	stable	The employment change from 2000 to 2010 is estimated to be +16.7%.

		(The National average for all occupations is +13.6%.)
Employment	small occupation	This was a small occupation in the United States, employing 157,884 workers in 2000. (The National average for all occupations is 209,487 workers.)
OES Occupation	4930110873 Aircraft mechanics and service technicians	

Average growth. Good job prospects will result from fewer workers entering these occupations from the U.S. Armed Forces and the need to replace the large number of workers retiring or leaving the occupations permanently.

Florida Employment and Outlook

Separate employment figures for Aircraft Mechanic are not available. However, this occupation is included in the larger group of "Aircraft Mechanics and Service Technicians."

	2002 to 2010 Outlook	2002 Employment	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Separations
Florida Statewide	• Stable	10,655	1.98%	211	217

Military Career Opportunities

Aircraft Mechanics (Enlisted)

Opportunities: The services have about 70,000 aircraft mechanics. Each year they need new mechanics due to changes in personnel and the demands of the field. After job training, mechanics are assigned to an aircraft maintenance unit, where they perform routine maintenance and simple repair jobs. In time, they may perform more difficult repairs and train and supervise new mechanics. Eventually, they may become inspectors, shop supervisors, or maintenance superintendents. To inquire about opportunities with the National Guard and Reserves, click on the hyperlink below.

Training Provided: Job training consists of 3 to 17 weeks of classroom instruction, including inspection and repair of aircraft engines and equipment. Training length varies depending upon the specialty. Course content typically includes:

- Engine disassembly and repair
- Repair of hydraulic, fuel, and electrical systems
- Repair of aluminum, steel, and fiberglass airframes and coverings

Further training occurs on the job and through advanced courses.

Earnings: Military pay and benefits are set by Congress, which normally grants a

cost-of-living pay increase once each year. Enlisted members can progress through nine enlisted pay grades during their careers. In 2000, most enlisted personnel started as recruits at Grade E-1 (\$12,067/year basic pay); however, those with special skills or above average education started as high as Grade E-4 (\$14,915/year basic pay). In addition to pay, the military provides many of life's necessities, such as food, clothing, and housing, or pays allowances for them. Other benefits include health care, 30 days paid vacation, legal assistance, recreational programs, education assistance, and military store privileges.

Services offering this occupation

- Army
- Air Force
- Coast Guard
- Marines
- Navy

The National Guard and Reserves may have opportunities in this career field as well. Click on the hyperlink below to connect to their web sites for further information.

Military Career Opportunities Web Sites www.bridges.com/mcows/military.htm

Other military websites: <http://www.todaysmilitary.com> or <http://www.careersinthemilitary.com>

National Earnings

The wage information below is for the occupational group Aircraft Mechanics and Service Technicians. The occupation Aircraft Mechanic is part of this group. 2001 National average annual earnings for the middle 50% of all workers in this occupation is \$30,000 to \$50,000.

Annual earnings range for middle 50% of all workers in this occupation ... (all information from 2001 OES survey)	\$34,091 to \$51,501
Average annual earnings	\$42,460
Average hourly earnings	\$20.41

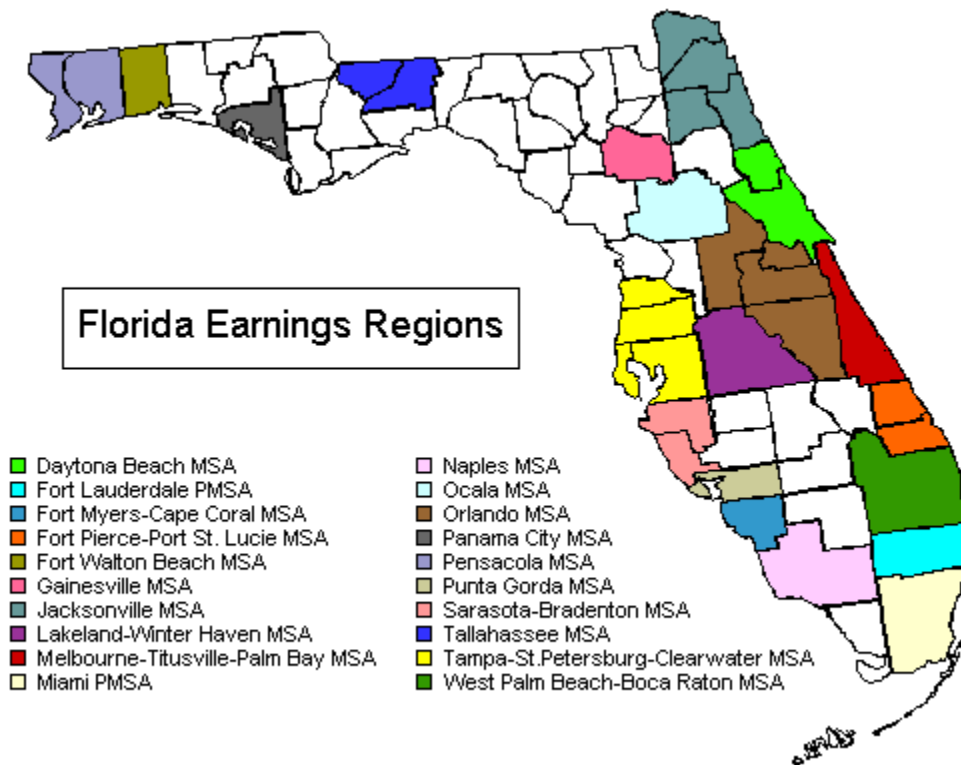
Mechanics who work on jets for the major airlines generally earn more than those working on other aircraft. Airline mechanics and their immediate families receive reduced-fare transportation on their own and most other airlines.

Florida Earnings

The earnings information below is for the occupational group Aircraft Mechanics and Service Technicians. The occupation Aircraft Mechanic is part of this group.

(2003) Statewide average annual earnings	\$42,266		
(2003) Statewide average hourly earnings	\$20.32		
(2003) Statewide entry level annual earnings	\$29,078		
(2003) Statewide entry level hourly earnings	\$13.98		
(2003) Statewide experienced level annual earnings	\$49,109		
(2003) Statewide experienced level hourly earnings	\$23.61		
Florida Major City Pay By the Year	2003 Average Annual Earnings	2003 Entry Level Annual Earnings	2003 Experienced Level Annual Earnings
Daytona Beach MSA	\$31,242	\$20,446	\$36,462
Fort Lauderdale PMSA	\$41,600	\$27,955	\$51,085
Fort Pierce - Port St. Lucie MSA	\$37,502	\$29,598	\$43,638
Fort Walton Beach MSA	\$42,536	\$32,718	\$52,083
Jacksonville MSA	\$44,678	\$34,944	\$47,715
Lakeland - Winter Haven MSA	\$34,611	\$26,250	\$42,806
Melbourne - Titusville - Palm Bay MSA	\$41,330	\$32,531	\$46,030
Miami PMSA	\$41,683	\$28,600	\$48,797
Naples MSA	\$39,832	\$24,960	\$39,208
Orlando MSA	\$39,978	\$28,662	\$46,072
Panama City MSA	\$38,958	\$30,014	\$44,928
Punta Gorda MSA	\$26,437	\$16,349	\$38,688
Sarasota - Bradenton MSA	\$49,733	\$31,096	\$69,597
Tallahassee MSA	\$35,776	\$27,394	\$41,974
Tampa - St. Petersburg - Clearwater MSA	\$51,522	\$36,816	\$60,694
West Palm Beach - Boca Raton MSA	\$46,738	\$27,394	\$61,942
Florida Major City Pay By the Hour	2003 Average Hourly Earnings	2003 Entry Level Hourly Earnings	2003 Experienced Level Hourly Earnings
Daytona Beach MSA	\$15.02	\$9.83	\$17.53
Fort Lauderdale PMSA	\$20.00	\$13.44	\$24.56
Fort Pierce - Port St. Lucie MSA	\$18.03	\$14.23	\$20.98

Fort Walton Beach MSA	\$20.45	\$15.73	\$25.04
Jacksonville MSA	\$21.48	\$16.80	\$22.94
Lakeland - Winter Haven MSA	\$16.64	\$12.62	\$20.58
Melbourne - Titusville - Palm Bay MSA	\$19.87	\$15.64	\$22.13
Miami PMSA	\$20.04	\$13.75	\$23.46
Naples MSA	\$19.15	\$12.00	\$18.85
Orlando MSA	\$19.22	\$13.78	\$22.15
Panama City MSA	\$18.73	\$14.43	\$21.60
Punta Gorda MSA	\$12.71	\$7.86	\$18.60
Sarasota - Bradenton MSA	\$23.91	\$14.95	\$33.46
Tallahassee MSA	\$17.20	\$13.17	\$20.18
Tampa - St. Petersburg - Clearwater MSA	\$24.77	\$17.70	\$29.18
West Palm Beach - Boca Raton MSA	\$22.47	\$13.17	\$29.78



Physical Demands

Physical Demands reflect the overall strength generally needed to work in this occupation.

- **Medium (20 lbs to 50 lbs)**

You would often handle loads up to 20 lbs., sometimes up to 50 lbs. You might do a lot of lifting, carrying, pushing or pulling.

Physical Abilities

Physical Abilities information comes from O*NET. Only those factors that are a significant part of the occupation are listed.

- **Static strength ... (medium level)**

Lifting, pushing, pulling, or carrying objects.

- **Explosive strength ... (medium level)**

Short periods of running, jumping, or throwing.

- **Extent flexibility ... (medium level)**

Bending, stretching, twisting, or reaching.

- **Near vision ... (medium level)**

Seeing clearly up close.

- **Color discrimination ... (medium level)**

Identifying color and seeing differences in color, including shades and brightness.

Work Conditions

Work conditions are taken from O*NET and refer to characteristics of the physical environment for an occupation. The following factors are frequently found in the work setting for this occupation:

- **Handling**

Work in this occupation involves using your hands to hold, control, and feel objects more than one-third of the time.

Work Hours and Travel

- Rotating shift work

The time of work changes. You might work days one week, evenings or nights the next.

- Overtime work Extra hours are needed sometimes. They may or may not be paid.

The following information is a list of Florida and other US Post-Secondary Schools that offer Aviation Maintenance educational programs.

[Aero Technicians, Inc. \(T&T\) Rexburg, ID](#)
[Amarillo College \(2YR\) Amarillo, TX](#)
[Antelope Valley College \(2YR\) Lancaster, CA](#)
[British Columbia Institute of Technology \(4YR\) Burnaby, BC Canada](#)
[Broward Community College - Ft. Lauderdale \(2YR\) Ft. Lauderdale, FL](#)
[Chandler-Gilbert Community College \(2YR\) Chandler, AZ](#)
[City College of San Francisco \(2YR\) San Francisco, CA](#)
[Clayton College & State University \(4YR\) Morrow, GA](#)
[Cochise College \(2YR\) Douglas, AZ](#)
[College of Aeronautics \(4YR\) Flushing, NY](#)
[College of San Mateo \(2YR\) San Mateo, CA](#)
[Colorado Aero Tech \(T&T\) Broomfield, CO](#)
[Colorado Northwestern Community College \(2YR\) Rangely, CO](#)
[Columbus State Community College \(2YR\) Columbus, OH](#)
[Community College of the Air Force \(2YR\) Maxwell Air Force Base, AL](#)
[Cowley County Community College and Area Vocational - Technical School \(2YR\) Arkansas City, KS](#)
[Dowling College \(4YR\) Oakdale, NY](#)
[Eastern New Mexico University - Roswell \(2YR\) Roswell, NM](#)
[Emily Griffith Opportunity School \(T&T\) Denver, CO](#)
[Enterprise-Ozark Community College \(2YR\) Enterprise, AL](#)
[Flint River Technical Institute \(T&T\) Thomaston, GA](#)
[George T. Baker Aviation \(C&T\) Miami, FL](#)
[Glendale Community College \(2YR\) Glendale, CA](#)
[Greenville Technical College \(2YR\) Greenville, SC](#)
[Hallmark Institute of Aeronautics \(2YR\) San Antonio, TX](#)
[Hallmark Institute of Technology \(2YR\) San Antonio, TX](#)
[Hawkeye Community College \(2YR\) Waterloo, IA](#)
[Heart of Georgia Technical Institute \(T&T\) Dublin, GA](#)
[Hinds Community College \(2YR\) Raymond, MS](#)
[Inter American University of Puerto Rico, Metropolitan Campus \(4YR\) San Juan, PR](#)
[Ivy Tech State College - Wabash Valley \(2YR\) Terre Haute, IN](#)
[Johnson County Community College \(2YR\) Overland Park, KS](#)
[Kansas State University \(4YR\) Manhattan, KS](#)
[Lake City Community College \(2YR\) Lake City, FL](#)
[LeTourneau University \(4YR\) Longview, TX](#)
[Lewis A. Wilson Technological Center \(T&T\) Dix Hills, NY](#)
[Lewis University \(4YR\) Romeoville, IL](#)
[Lincoln Land Community College \(2YR\) Springfield, IL](#)
[Lorenzo Walker Institute of Technology \(C&T\) Naples, FL](#)
[Merced College \(2YR\) Merced, CA](#)

[Michigan Institute of Aeronautics \(T&T\) Belleville, MI](#)
[Middle Georgia Technical Institute \(T&T\) Warner Robins, GA](#)
[Mohawk Valley Community College \(2YR\) Utica, NY](#)
[Mt. San Antonio College \(2YR\) Walnut, CA](#)
[New Hampshire Community Technical College, Nashua/Claremont \(2YR\) Nashua, NH](#)
[North Central Institute \(2YR\) Clarksville, TN](#)
[North Central Institute \(T&T\) Clarksville, TN](#)
[Oklahoma City Community College \(2YR\) Oklahoma City, OK](#)
[Pittsburgh Institute of Aeronautics \(2YR\) Pittsburgh, PA](#)
[Quaker City Institute of Aviation \(T&T\) Philadelphia, PA](#)
[Sacramento City College \(2YR\) Sacramento, CA](#)
[Salt Lake Community College \(2YR\) Salt Lake City, UT](#)
[San Diego Miramar College \(2YR\) San Diego, CA](#)
[San Joaquin Valley College \(2YR\) Visalia, CA](#)
[Solano Community College \(2YR\) Fairfield, CA](#)
[Somerset Technical College \(T&T\) Somerset, KY](#)
[South Seattle Community College \(2YR\) Seattle, WA](#)
[Southern Illinois University Carbondale \(4YR\) Carbondale, IL](#)
[Southwestern Illinois College \(2YR\) Belleville, IL](#)
[Southwestern Michigan College \(2YR\) Dowagiac, MI](#)
[St. Philip's College \(2YR\) San Antonio, TX](#)
[Teterboro School of Aeronautics \(T&T\) Teterboro, NJ](#)
[Texas State Technical College - Harlingen \(2YR\) Harlingen, TX](#)
[Texas State Technical College - Waco \(2YR\) Waco, TX](#)
[Texas State Technical College-West Texas \(2YR\) Sweetwater, TX](#)
[Trident Technical College \(2YR\) Charleston, SC](#)
[Tulsa Community College \(2YR\) Tulsa, OK](#)
[Tulsa County Area Vocational Technical School District 18 Memorial \(T&T\) Tulsa, OK](#)
[University of Alaska Anchorage \(4YR\) Anchorage, AK](#)
[University of Alaska Fairbanks \(4YR\) Fairbanks, AK](#)
[University of Montana-Helena College of Technology \(2YR\) Helena, MT](#)
[Upper Bucks County Area Vocational-Technical School \(T&T\) Perkasie, PA](#)
[Utah State University \(4YR\) Logan, UT](#)
[Vincennes University \(2YR\) Vincennes, IN](#)
[Wentworth Institute of Technology \(4YR\) Boston, MA](#)
[West Los Angeles College \(2YR\) Culver City, CA](#)
[Westwood College of Aviation Technology - Denver \(2YR\) Broomfield, CO](#)
[Westwood College of Aviation Technology - Houston \(2YR\) Houston, TX](#)
[Westwood College of Aviation Technology - Los Angeles \(2YR\) Inglewood, CA](#)
[Wichita Area Technical College \(T&T\) Wichita, KS](#)
[Wilmington College \(4YR\) New Castle, DE](#)

AVIATION MAINTENANCE CAREER PATH

Aircraft Maintenance Supervisor 19–21 years

Aircraft maintenance supervisors are in charge of large aircraft maintenance and repair facilities. They plan and direct repair, inspection, maintenance, service, and modification of aircraft. They also develop training and safety programs and prepare technical, personnel, and administrative reports

Shop Supervisor 8–10 years

Shop supervisors are in charge of maintenance and repair for specific types of aircraft. They develop standard operating procedures and conduct on-the-job training programs. They also develop work schedules and prepare status reports.

Mechanic 4–5 years

Aircraft mechanics perform complex repairs and assist other mechanics. They perform complicated or unusual tests and disassemble aircraft engines to repair or replace parts. They also help apprentice mechanics identify malfunctions and fix problems.

Apprentice Aircraft Mechanic

Apprentice aircraft mechanics work under close supervision and perform routine repair and maintenance duties. They also record service, maintenance, and repairs in maintenance log records.