

# Aircraft Mechanic / Service Technician

## PANHANDLE

*Average Wage*  
\$21.57

*Average Annual  
Job Openings*  
10

<i>Employment in</i>	
<i>2004</i>	<i>2014</i>
150	200

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## TEXAS

*Average Wage*  
\$22.68

*Average Annual  
Job Openings*  
815

<i>Employment in</i>	
<i>2004</i>	<i>2014</i>
16,400	20,700

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## UNITED STATES

*Employment in  
2006*  
118,210

*Female* 5%  
*Minority* 28%

## EMPLOYMENT CODES

*OES* 85323

*O\*NET* 49-3011.00  
*Aircraft Mechanics  
and Service Technicians*

## JOB DESCRIPTION

Repair and maintain operating condition of aircraft assemblies, such as hydraulic and pneumatic systems, landing gear, propellers, fuel tanks, and airframes. May also repair, replace and rebuild aircraft structures, functional components, and parts.



## SKILLS AND APTITUDES NEEDED

- ◆ High degree of mechanical aptitude
- ◆ Knowledge in mathematics, physics, chemistry, electronics, computer science
- ◆ Able to clearly communicate work results
- ◆ Able to work well with people
- ◆ Agility for reaching and climbing
- ◆ Must not be afraid of heights



To keep aircraft in peak operating condition, aircraft mechanics perform scheduled maintenance, make repairs, and complete inspections required by the Federal Aviation Administration (FAA).

Mechanics usually work in hangars or in other indoor areas, although they may work outdoors, sometimes in unpleasant weather, when hangars are full, or when repairs must be made quickly.

Mechanics often work under time pressure to maintain flight schedules and have a tremendous responsibility to maintain safety standards. Frequently, mechanics must lift or pull objects weighing as much as 70 lbs. They must stand, lie, or kneel in awkward positions and occasionally must work in precarious positions on scaffolds or ladders. Noise and vibration are common when testing engines. Overtime work is frequent.

## PANHANDLE AREA PUBLIC TRAINING PROVIDERS

Training Provider	Direct Training	Related Training	Education Offering
Amarillo College Amarillo, Dumas, Hereford	√		A.A.S. (Associate in Applied Science Degree), Aviation Maintenance Technology
	√		Certificate of Completion (Airframe Mechanic, Powerplant Mechanic, or Aerospace Manufacturing)

### LICENSE/CERTIFICATION

Preferred: A&P (Airframe and Powerplant Certification)

Optional: Powerplant Certification or Airframe Certification (Students can be licensed in either of the two certification areas)

### HIGHEST EMPLOYMENT LEVELS BY INDUSTRY

Federal Government	31%
Support Activities for Air Transport	30%
Aerospace Product & Parts Manufacturing	12%
Scheduled Air Transportation	8%
Machinery/Equipment/Wholesale Supplies	6%
Nonscheduled Air Transportation	4%
Support Activities for Crop Production	3%
Employment Services	2%

### FOR MORE INFORMATION

Professional Aviation Maintenance Association, 717 Princess St., Alexandria, VA, 22314, (866) 865-7262, <http://www.pama.org>

U.S. Department of Transportation, Federal Aviation Administration, 800 Independence Avenue, SW, Washington DC, 20591, (866) 835-5322, [http://www.faa.gov/licenses\\_certificates](http://www.faa.gov/licenses_certificates)

For additional website sources, please refer to the Resource Index.

# Aircraft Mechanic / Service Technician, FAA