

A photograph of two male aircraft mechanics in a hangar. They are wearing blue flight suits, yellow earplugs, and clear safety goggles. One mechanic is using a large wrench on a metal component of an aircraft engine, while the other looks on. The background shows the fuselage of a white aircraft.

Aircraft Mechanics and Service Technicians in 2 Florida Counties

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What is Lightcast Data?

Lightcast data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resums, and job postings to give you a complete view of the workforce.

Lightcast data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.



Report Parameters

1 Occupation

49-3011 Aircraft Mechanics and Service Technicians

2 Counties

12086 Miami-Dade County, FL

12087 Monroe County, FL

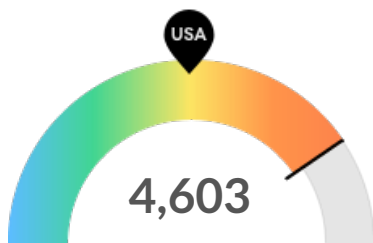
Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen occupation and geographical areas.

Executive Summary

Aggressive Job Posting Demand Over a Deep Supply of Regional Jobs



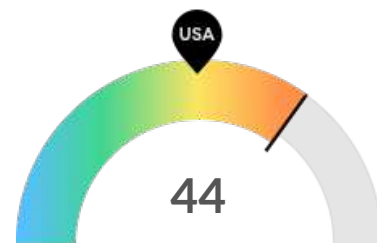
Jobs (2025)

Your area is a hotspot for this kind of job. The national average for an area this size is 1,921* employees, while there are 4,603 here.



Compensation

Earnings are about average in your area. The national median salary for Aircraft Mechanics and Service Technicians is \$78,424, compared to \$78,931 here.



Job Posting Demand

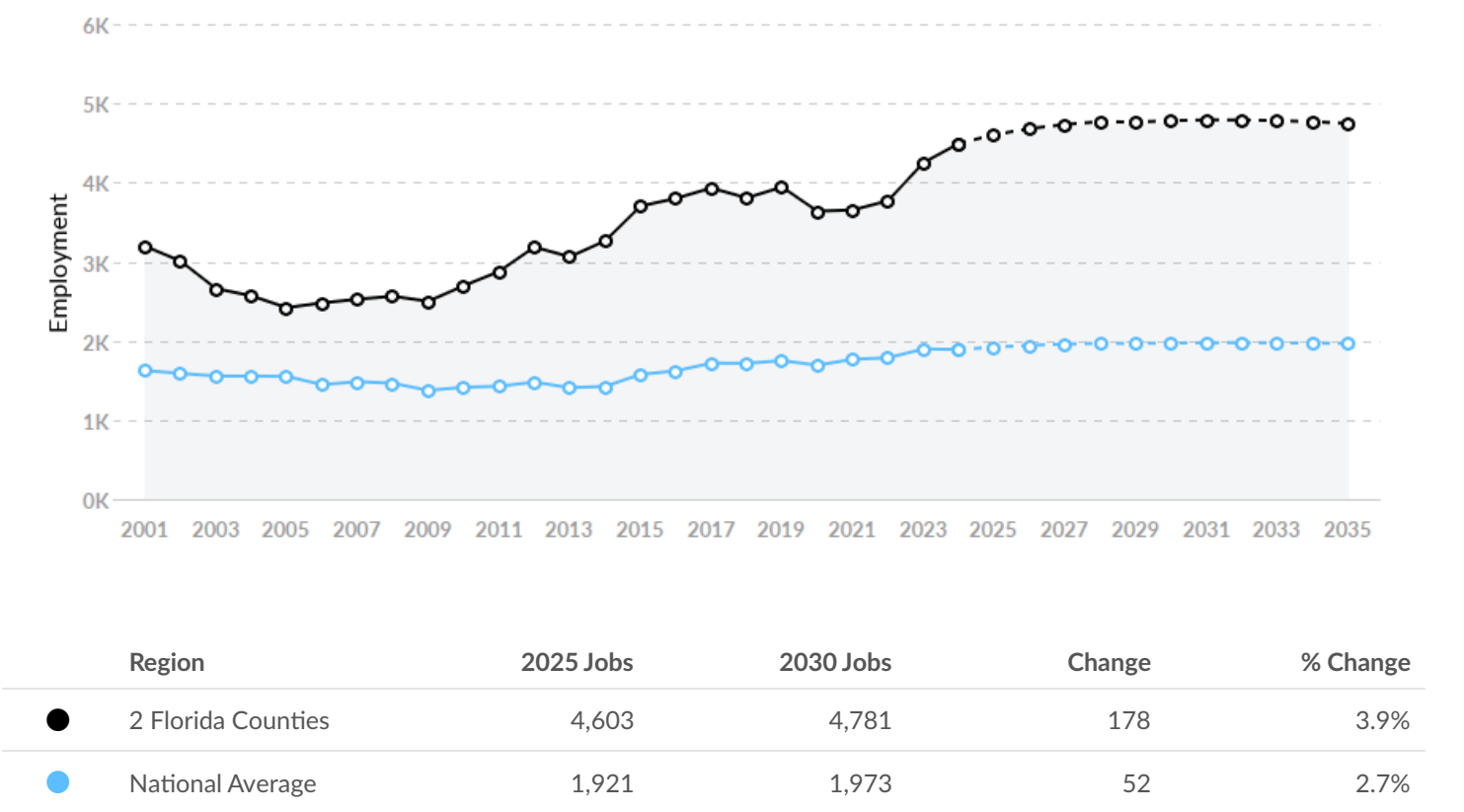
Job posting activity is high in your area. The national average for an area this size is 25* job postings/mo, while there are 44 here.

*National average values are derived by taking the national value for Aircraft Mechanics and Service Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Jobs

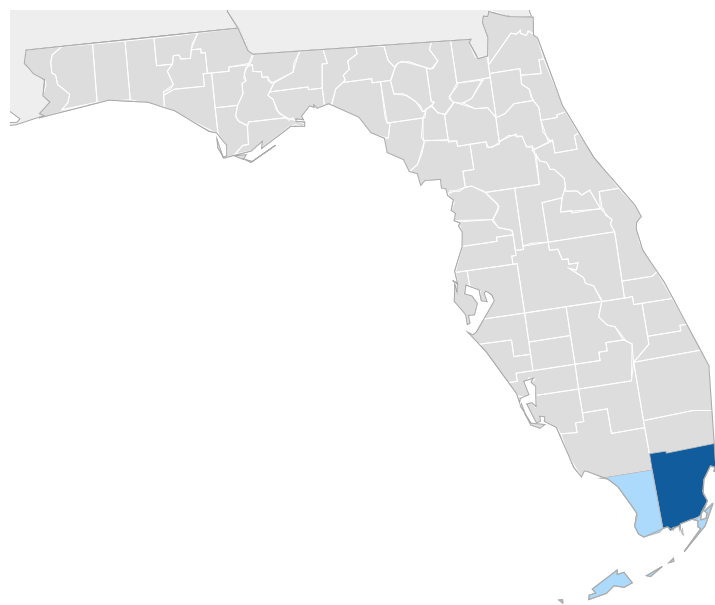
Regional Employment Is Higher Than the National Average

An average area of this size typically has 1,921* jobs, while there are 4,603 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.



*National average values are derived by taking the national value for Aircraft Mechanics and Service Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Regional Breakdown



County	2025 Jobs
Miami-Dade County, FL	4,497
Monroe County, FL	106

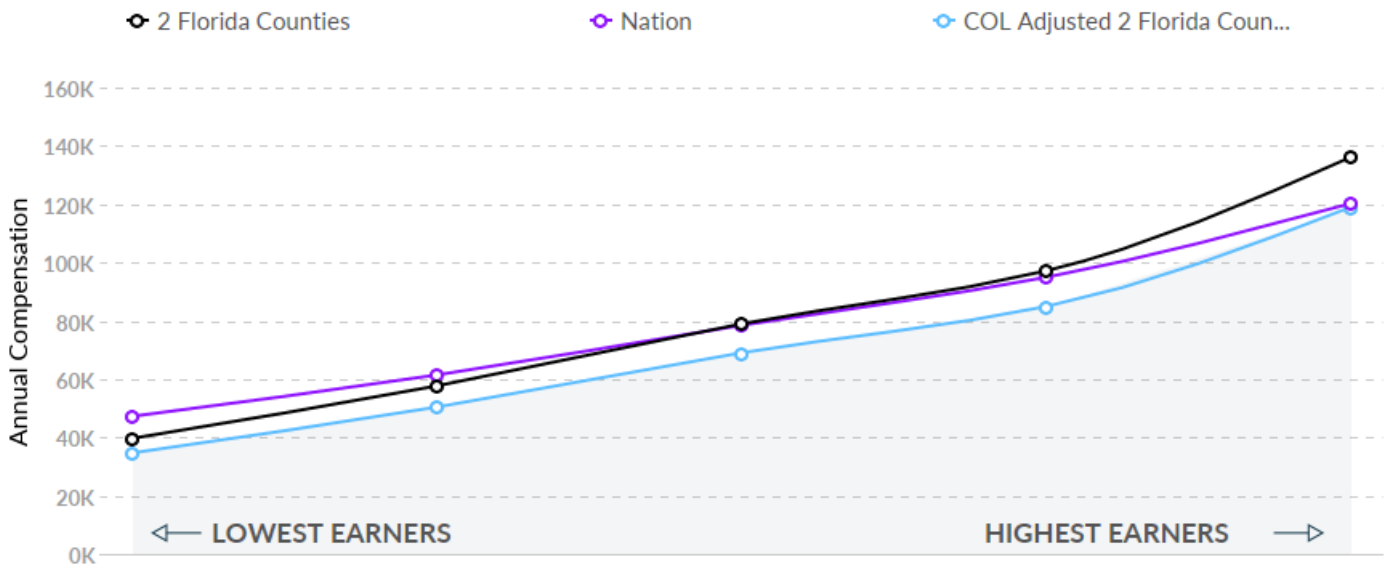
Most Jobs are Found in the Support Activities for Air Transportation Industry Sector



Compensation

Regional Compensation Is the Same Cost as the Nation

For Aircraft Mechanics and Service Technicians, the 2024 median wage in your area is \$78,931, while the national median wage is \$78,424.



Job Posting Activity



265 Unique Job Postings

The number of unique postings for this job from Jan 2025 to Jun 2025.



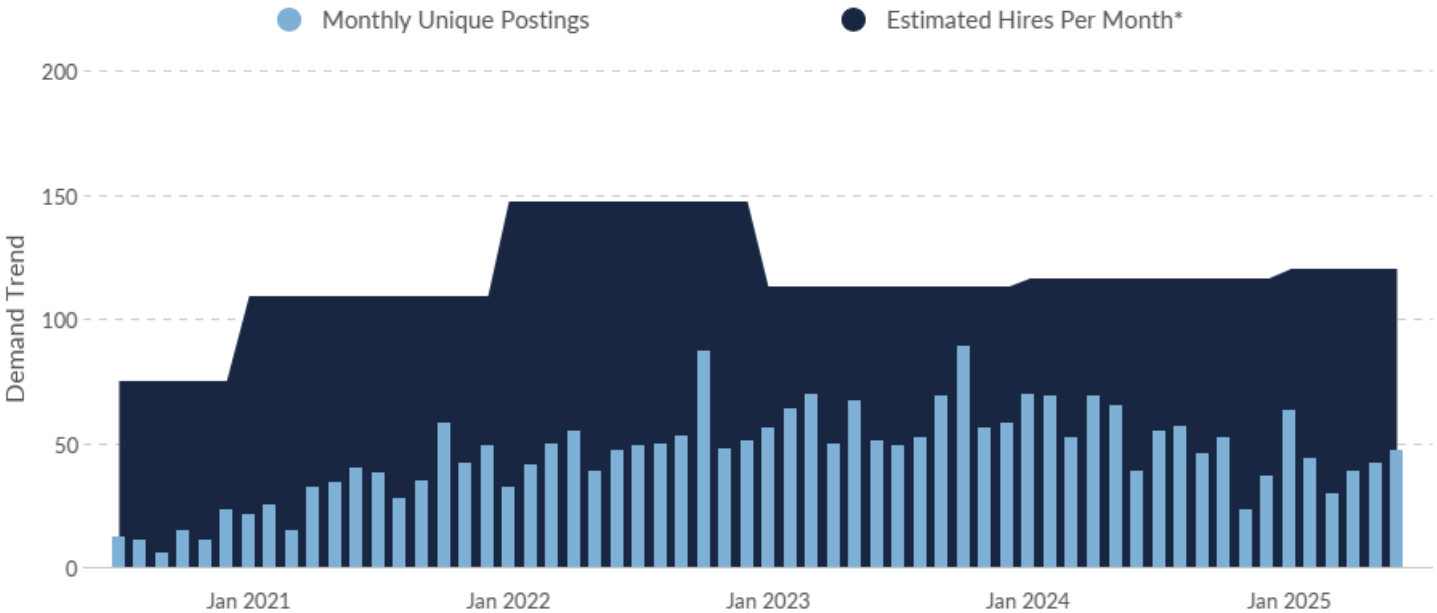
85 Employers Competing

All employers in the region who posted for this job from Jan 2025 to Jun 2025.



25 Day Median Duration

Posting duration is 2 days longer than what's typical in the region.



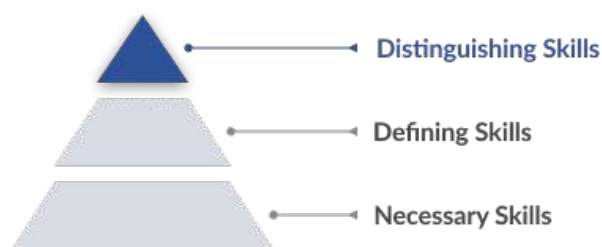
Occupation	Avg Monthly Postings (Jan 2025 - Jun 2025)	Avg Monthly Hires (Jan 2025 - Jun 2025)
Aircraft Mechanics and Service Technicians	44	120

*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Lightcast hires are calculated using a combination of Lightcast jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Top Companies	Unique Postings	Top Job Titles	Unique Postings
Aerotek	55 <div></div>	Airframe and Powerplant Mecha...	41 <div></div>
Bombardier	10 <div></div>	Aircraft Technicians	27 <div></div>
V2X Limited	9 <div></div>	Aircraft Mechanics	23 <div></div>
AAR	7 <div></div>	Airframe and Powerplant Techni...	18 <div></div>
Amentum	7 <div></div>	Aircraft Maintenance Technicians	12 <div></div>
Signature Aviation Plc	7 <div></div>	Aviation Technicians	7 <div></div>
Standardaero	7 <div></div>	GSE Technicians	7 <div></div>
Jet Aviation	6 <div></div>	Aircraft Fuelers	6 <div></div>
Worldwide Flight Services	5 <div></div>	Experience Specialists	6 <div></div>
Atlantic Aviation	4 <div></div>	Line Service Technicians	6 <div></div>

Top Distinguishing Skills by Demand

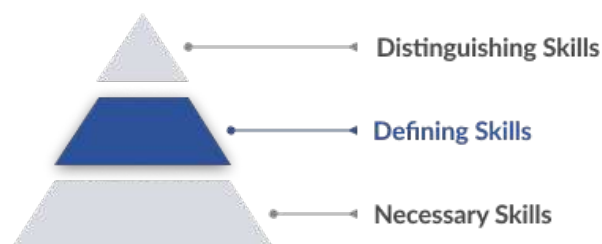
An occupation's Distinguishing Skills are the advanced skills that are called for occasionally. An employee with these skills is likely more specialized and able to differentiate themselves from others in the same role.



Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Towing	✗	8	+20.1%	Rapidly Growing
Riveting	✓	4	+25.9%	Rapidly Growing
Corrosion Control	✗	3	+3.7%	Lagging
Hydraulic Fluid	✗	3	+12.4%	Growing
Torque Wrench	✗	2	+16.0%	Growing
Structural Repairs	✓	2	+2.8%	Lagging
Foreign Object Damage	✓	1	+18.6%	Growing

Top Defining Skills by Demand

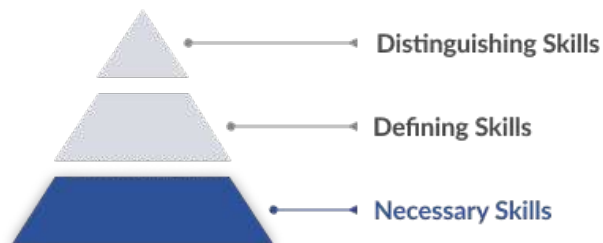
An occupation's Defining Skills represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.



Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Aircraft Maintenance	✓	117	+22.8%	Rapidly Growing
Airframe & Powerplant (A&P) Certificate	✗	104	+24.2%	Rapidly Growing
Federal Aviation Administration	✗	93	+25.9%	Rapidly Growing
Valid Driver's License	✗	59	+7.5%	Stable
Airworthiness	✓	29	+25.4%	Rapidly Growing
Federal Aviation Regulations	✗	28	+32.8%	Rapidly Growing
Avionics	✓	19	+25.1%	Rapidly Growing
General Aviation	✓	10	+8.1%	Stable

Top Necessary Skills by Demand

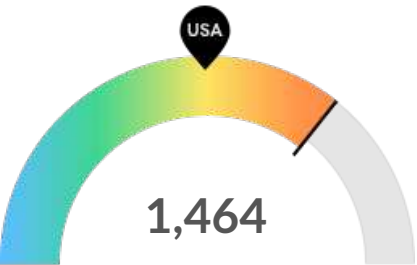
An occupation's Necessary Skills are the specialized skills required for that job and relevant across other similar jobs. An employee needs these skills as building blocks to perform the more complex Defining Skills.



Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Hand Tools	×	68	+6.2%	Stable
Power Tool Operation	×	34	+7.4%	Stable
Mechanics	×	34	+13.0%	Growing
Hydraulics	×	24	+11.0%	Growing
Test Equipment	×	23	+18.1%	Growing
Technical Communication	×	19	+23.1%	Rapidly Growing
Secret Clearance	×	16	-1.8%	Lagging
Brakes	×	15	+6.4%	Stable
Electrical Wiring	×	12	+20.1%	Rapidly Growing
Oil and Gas	×	12	0.0%	

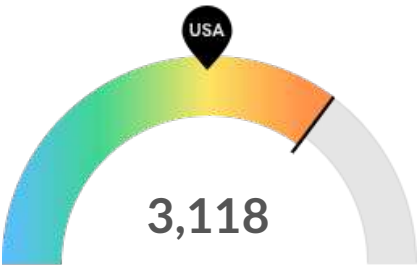
Demographics

Retirement Risk Is High, While Overall Diversity Is High



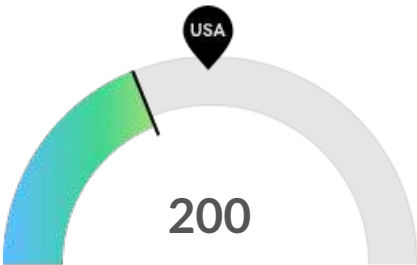
Retiring Soon

Retirement risk is high in your area. The national average for an area this size is 809* employees 55 or older, while there are 1,464 here.



Racial Diversity

Racial diversity is high in your area. The national average for an area this size is 1,771* racially diverse employees, while there are 3,118 here.

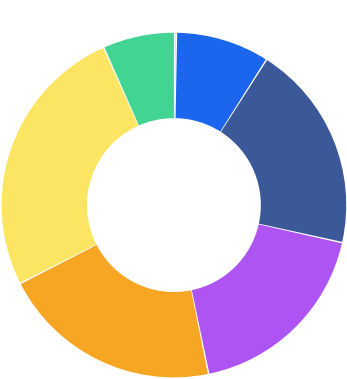


Gender Diversity

Gender diversity is low in your area. The national average for an area this size is 292* female employees, while there are 200 here.

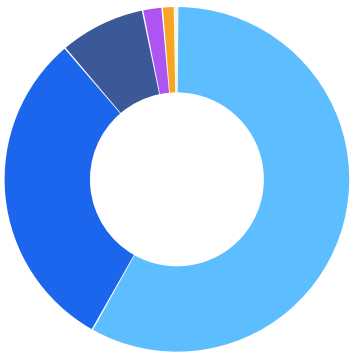
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Occupation Age Breakdown



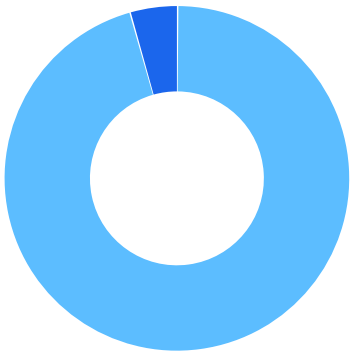
	% of Jobs	Jobs
14-18	0.2%	7
19-24	8.8%	395
25-34	19.5%	875
35-44	18.3%	821
45-54	20.7%	931
55-64	25.8%	1,161
65+	6.7%	303

Occupation Race/Ethnicity Breakdown



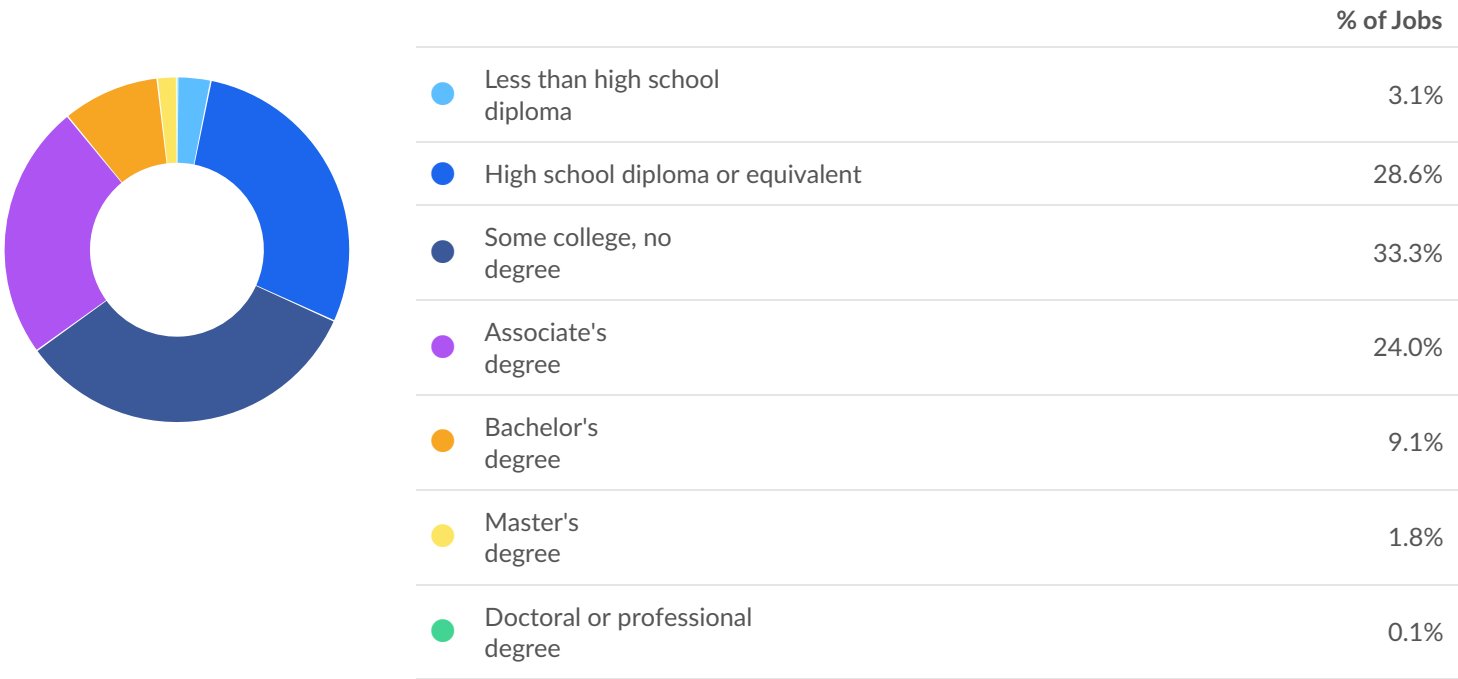
	% of Jobs	Jobs
Hispanic or Latino	58.1%	2,610
White	30.6%	1,375
Black or African American	8.0%	361
Asian	1.8%	82
Two or More Races	1.1%	51
American Indian or Alaska Native	0.2%	8
Native Hawaiian or Other Pacific Islander	0.1%	5

Occupation Gender Breakdown



	% of Jobs	Jobs
Males	95.5%	4,293
Females	4.5%	200

National Educational Attainment



Occupational Programs



2 Programs

Of the programs that can train for this job, 2 have produced completions in the last 5 years.



223 Completions (2023)

The completions from all regional institutions for all degree types.



557 Openings (2023)

The average number of openings for an occupation in the region is 284.

CIP Code	Top Programs	Completions (2023)
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/T...	133 <div></div>
47.0608	Aircraft Powerplant Technology/Technician	90 <div></div>

Top Schools	Completions (2023)
George T Baker Aviation Technical College	223 <div></div>

Appendix A

Aircraft Mechanics and Service Technicians (SOC 49-3011):

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems. Excludes Avionics Technicians (49-2091).

Sample of Reported Job Titles:

Airframe Mechanic
Airframe and Powerplant Mechanic (A and P Mechanic)
Helicopter Mechanic
Aviation Mechanic
Aviation Maintenance Technician (AMT)
Airframe and Powerplant Technician (A and P Tech)
Aircraft Technician
Aircraft Mechanic
Aircraft Maintenance Technician (Aircraft Maintenance Tech)
Aircraft Restorer

Related O*NET Occupation:

Aircraft Mechanics and Service Technicians (49-3011.00)

Appendix B - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Cost of Living Data

Lightcast's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.