



Aircraft mechanics and service technicians

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.

Cognitive and mental requirements

The qualifications that workers need to use judgment, make decisions, interact with others, and adapt to changes in jobs.

In 2022, basic people skills were required for 34.3 percent of aircraft mechanics and service technicians, and more than basic people skills were required for 65.7 percent.

Table 1. Percentage of aircraft mechanics and service technicians with cognitive and mental requirements, 2022

Requirement	Yes	No
Interaction with general public	16.9	83.1
Working around crowds	-	100.0
Telework	-	100.0
Work review: Supervising others	3.5	96.5
Work review: Presence of supervisor	81.7	18.3

Source: U.S. Bureau of Labor Statistics, Occupational Requirements Survey

Education, training, and experience requirements

The minimum level of formal education required, credentials necessary, on-the-job training, and prior work experience necessary for average performance in jobs.

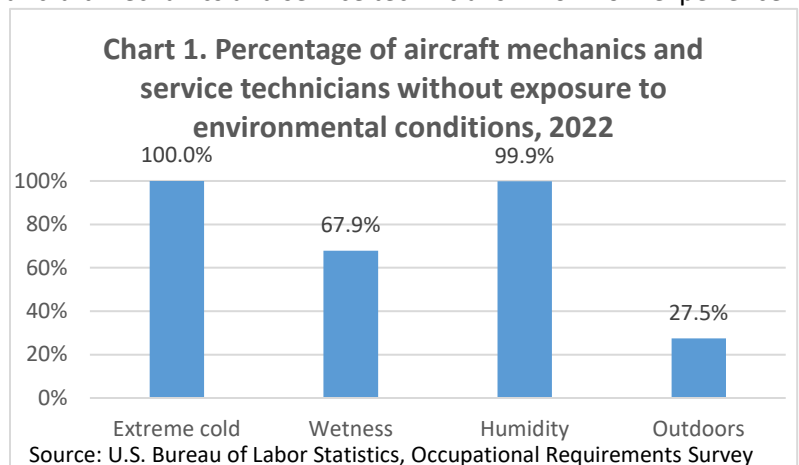
In 2022, credentials were required for 95.5 percent of aircraft mechanics and service technicians. Prior work experience was required for 62.5 percent.

A high school diploma was required for 74.4 percent of aircraft mechanics and service technicians.

Environmental conditions

The various tangible or concrete hazards or difficulties that are in the vicinity of where jobs' critical tasks are performed.

In 2022, 72.5 percent of aircraft mechanics and service technicians were exposed to the outdoors and 32.1 percent were exposed to wetness.



Physical demands

Refer to the physical activities required to perform tasks in jobs. The presence and, in some cases, duration of these activities are published.

In 2022, reaching at or below the shoulder was required for 99.2 percent of aircraft mechanics and service technicians.

Performing work in low postures was required for 95.7 percent of aircraft mechanics and service technicians and was not required for 4.3 percent. For 45.8 percent of workers, stooping was required to perform low work.

Driving was required for 68.0 percent of aircraft mechanics and service technicians and not required for 32.0 percent.