



Aerospace Maintenance, C-5/C-9/C-12/C-17/C-20/C-21/C-22/C-26/C-27/C-130/C-141/T-39/T-43 (2A5X1J)

Maintains aircraft, support equipment (SE), and forms and records. Performs production supervisor, flight chief, expeditor, crew chief, support, aero repair, and maintenance functions.

Alternate Titles:

AIRFRAME AND POWERPLANT MECHANICS; HELICOPTER MECHANICS; ENGINE MECHANICS

Duties and Responsibilities:

BACKGROUND Military aircraft are used to fly hundreds of missions each day for transport, patrol, and flight training. They need frequent servicing to remain safe and ready to fly. Aircraft mechanics inspect, service, and repair helicopters and airplanes.

WHAT THEY DO

Aircraft mechanics in the military perform some or all of the following duties:

Service and repair helicopter, jet, and propeller aircraft engines

Inspect and repair aircraft wings, fuselages (bodies), and tail assemblies

Service and repair aircraft landing gear

Repair or replace starters, lights, batteries, wiring, and other electrical parts

PHYSICAL DEMANDS

Some specialties require moderate to heavy lifting. Normal color vision is required to work with color-coded wiring.

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.