



Aircraft Structural Repairer (15G)

Hundreds of Army missions depend on aircraft for transport, patrol and flight training. It's up to the members of the aircraft repair team to ensure that all Army aircraft remain safe and ready to fly. As an integral member of this team, the Aircraft Structural Repairer inspects, services and repairs Army helicopters and airplanes.

The Aircraft Structural Repairer is primarily responsible for supervising and performing maintenance on aircraft structures. Some of your duties as an Aircraft Structural Repairer may include:

- Repairing and replacing aircraft structural components including stringers, longerons, bulkheads, beams and aircraft skin
- Making structural parts, forming blocks and shaping metal using stretching, shrinking and other metal-forming techniques
- Mixing and applying fiberglass materials
- Making emergency and permanent repairs to transparent plastic windows and enclosures
- Balancing fixed-wing aircraft controls such as flaps and ailerons
- Mixing and applying primers and paints to aircraft surfaces
- Maintaining facilities for storage of flammable and hazardous materials
- Applying corrosion control treatment to aircraft metals
- Performing scheduled inspections and assisting in performing special inspections

TRAINING

Job training for an Aircraft Structural Repairer consists of nine weeks of Basic Training, where you'll learn basic Soldiering skills, and 14 weeks of Advanced Individual Training, including inspection and repair of aircraft engines and equipment. Part of this time is spent in the classroom and part in the field. Some of the skills you learn are:

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

HELPFUL SKILLS

Helpful attributes include:

An interest in mathematics and shop mechanics

An interest in work involving aircraft

An interest in engine mechanics

An ability to use hand and power tools

ADVANCED RESPONSIBILITIES

Advanced level Aircraft Structural Repairers supervise and train other Soldiers.

RELATED CIVILIAN JOBS

The skills you learn as an Aircraft Structural Repairer will help prepare you for a future with aircraft manufacturers, commercial airlines and government agencies as an airframe or power plant mechanic.

RELATED ARMY POSITIONS

Aircraft Electrician (15F)

Aircraft Pneudraulics Repairer (15H)

Aircraft Powerplant Repairer (15B)

Aircraft Powertrain Repairer (15D)

OH-58D Armament/Electrical/Avionics Systems Repairer (15J)

Information about this MOS provided by: www.goarmy.com

For further information visit: www.minnesotanationalguard.org