

Aerospace Careers: US Army Aircraft Structural Repairer

Basic Job Description 15G MOS

Introduction

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.

Duties include:

Repairs and replaces aircraft structural components to include stringers, longerons, bulkheads, beams and aircraft skin according to drawings, blueprints, directives, technical manuals and safety procedures. Fabricates structural parts, forming blocks and shapes metal using stretching, shrinking, and other metal forming techniques. Mixes and applies fiberglass materials. Makes emergency and permanent repairs to transparent plastic windows and enclosures. Uses common measuring tools, precision measuring gages and alignment fixtures to perform structural repairs. Balances fixed-wing aircraft controls such as flaps and ailerons. Mixes and applies primers and paints to aircraft surfaces. Applies corrosion control treatment to aircraft metals. Requisitions and maintains shop and bench stock for repair of aircraft structures. Maintains facilities for storage of flammable and hazardous materials. Uses and performs operator maintenance on common and special tools. Prepares forms and records related to aircraft maintenance.

Provides technical guidance to subordinate personnel.

Training Information and Misc. information

Training: 14 weeks, 4 days at Fort Eustis, VA

ASVAB Score Required: 105 in aptitude area MM

Security Clearance: None

Strength Requirement: very heavy

Physical Profile Requirement: 222222



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Other Requirements

- [Normal color vision](#) required
- History of alcohol or drug abuse is disqualifying
- Experimental use of Marijuana after age 18 is disqualifying
- Documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug is disqualifying

Similar Civilian Occupations

- Aircraft Mechanics and Service Technicians
- Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
- Aviation Inspectors

Reference:

[USAACE Info UAS Maint Tng 22 Mar 10](#)

<http://www.goarmy.com/careers-and-jobs/browse-career-and-job-categories/transportation-and-aviation/aircraft-structural-repairer.html>

<http://online-flightsimulator.com/us-army-aircraft-structural-repairer-15g/>



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