



## CH-47 Helicopter Repairer (15U)

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 CH-47 Helicopter Repairer is primarily responsible for supervising and performing maintenance on CH-47 helicopters (also known as 'Chinook' helicopters).

Here are some of the duties of a CH-47 Helicopter Repairer:

- Remove and install aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components

- Service and lubricate aircraft and subsystems

- Prepare aircraft for inspections and maintenance checks

- Perform scheduled inspections and assist in performing special inspections

- Inspect and repair aircraft wings, fuselages and tail assemblies

- Service and repair aircraft landing gear

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

### **TRAINING**

Job training for a CH-47 Helicopter Repairer consists of nine weeks of Basic Training, where you'll learn basic Soldiering skills, and 16 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 CH-47 Helicopter Repairers supervise and train other Soldiers. As an advanced level CH-47 Helicopter Repairer, you may also be involved in:

- Performing operational checks and scheduled inspections
- Diagnosing and troubleshooting malfunctions in aircraft subsystems

#### **RELATED CIVILIAN JOBS**

The skills you learn as a CH-47 Helicopter 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**

- AH-64 Attack Helicopter Repairer (15R)
- AH-64D Armament/Electrical/Avionic Systems Repairer (15Y)
- Avionic Mechanic (15N)
- Observation/Scout Helicopter Repairer (15V)
- OH-58D Helicopter Repairer (15S)
- UH-60 Helicopter Repairer (15T)

Information about this MOS provided by: [www.goarmy.com](http://www.goarmy.com)

For further information visit: [www.minnesotanationalguard.org](http://www.minnesotanationalguard.org)