



Fire Control Repairer (45G)

Army forces use a wide array of weapons, from small field artillery to large ballistic missiles. Most of these weapons have electronic components and systems that help locate targets, aim weapons and fire those weapons. It's the Fire Control Repairer's responsibility to keep these weapons operating properly.

The Fire Control Repairer is primarily responsible for supervising and performing maintenance on combat vehicle, infantry and artillery fire control systems and equipment, as well as related test equipment. Some of your duties as a Fire Control System Repairer may include:

- Repairing laser ranger finders, ballistic computers, laser observation devices, laser designators, thermal imaging systems, telescopes, mount assemblies and fire control support equipment

- Performing battlefield damage assessment and repair

- Repairing and maintaining artillery, naval gun systems and infantry weapons

- Cleaning and lubricating gyroscopes, sights and other electro-optical fire control components

- Repairing and maintaining missile mounts, platforms and launch mechanisms

- Testing and adjusting weapons firing, guidance and launch systems

TRAINING

Job training for a Fire Control Repairer consists of nine weeks of Basic Training, where you'll learn basic Soldiering skills, and 26 weeks of Advanced Individual Training. Part of this time is spent in the classroom and part in the field. Some of the skills you learn are:

- Electronic and mechanical principles and concepts

- Use of electronic, electrical and mechanical test equipment

- Use of schematics, drawings, blueprints and wiring diagrams

- Operation, testing and maintenance of specific types of weapons systems

- Operation and maintenance of fire control systems on ships

HELPFUL SKILLS

Helpful attributes include:

- An interest in science and math
- An interest in working with electronic or electrical equipment
- An ability to do work requiring accuracy and attention to detail
- An interest in working with weapons

ADVANCED RESPONSIBILITIES

Advanced level Fire Control Repairers supervise and train other Soldiers in their discipline. As an advanced level Fire Control Repairer, you may also be involved in:

- Diagnosing and troubleshooting malfunctions in fire control systems and related equipment

RELATED CIVILIAN JOBS

The skills you learn as a Fire Control Repairer will help prepare you for a future as an electronic mechanic, an avionics technician or a missile facilities repairer with civilian firms that design, build and test weapons for the military.

RELATED ARMY POSITIONS

- Armament Repairer (45K)
- M1 ABRAMS Tank System Maintainer (63A)
- Small Arms/Artillery Repairer (45B)
- Machinist (44E)
- Metal Worker (44B)
- Light-Wheel Vehicle Mechanic (63B)

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

For further information visit: www.minnesotanationalguard.org