# 11C Skill Level Two

**MOS 11C--Indirect Fire Infantryman, CMF 11 ( Closed to women )**
*Major duties.* The indirect fire infantryman serves as a supervisor or as a member of a mortar squad, section, or platoon. Employs crew and individual weapons in offensive, defensive, and retrograde ground combat tactical operations.

**MOSC 11C2O**. Perform duties shown in preceding level skill. Leads and controls mortar squads. Supervises and trains subordinate personnel. Provide tactical and technical guidance to subordinates and professional support to subordinates and superiors in the accomplishment of their duties. Supervise the construction of mortar positions. Record operational information on maps. Receives and implements combat orders; directs deployment of personnel in offensive, defensive, and retrograde operations. Requests, observes, and adjusts indirect supporting fire. Supervise subordinate personnel in all phases of individual and mortar equipment maintenance. Uses map and map overlays, performs intersection and resection, and determines elevations and grid azimuth. Prepares fire plans, target lists, and overlays. Prepares and computes firing data using below pivot point and grid method. Reciprocally lay mortars. Prepare mortar ballistic computer for operation.

## Squad Leader / FDC Computer / Gunner

**Squad Leader Duties Include:**

- Controls squad movement.
- Places the squad into position.
- Ensures the mortar is properly laid.
- Checks mask and overhead clearance.
- Ensures the mortar position is camouflaged.
- Ensures that proper deflection and elevation are indexed on the mortar sight.
- Ensures the ammunition is properly prepared for firing and reports any ammunition discrepancies to the FDC.
- Briefs his squad on the platoon leader's orders.
- Informs his squad of any changes.
- Conducts emergency fire missions without an FDC, when required.
- Plots fires and determines firing data when operating separately from the section.
- Supervises the preparation and manning of squad fighting positions.
- Implements the squad sleep and security plans.
- Ensures communication is maintained with the FDC.
- Ensures the squad uses proper radiotelephone operating procedures.
- Supervises the maintenance of personal weapons and squad equipment.
- Supervises weapons test firing and mortar boresighting.
- Ensures the ammunition and equipment are properly stored.

- Informs FDC of any changes in ammunition status.
- Is responsible for the training, welfare, and safety of squad members.
- Trains squad members in individual and crew-related skills and cross trains to maintain technical proficiency at all times.
- Submits NBC reports.
- Supervises squad NBC protective and decontamination measures.

**FDC Computer:**

To reduce errors, increase speed and efficiency, and allow for the platoon or section to be split to fire multiple missions, all mortar sections, except that of the 60-mm mortar, have two fire direction computer personnel. In 81- and 120-mm mortar sections, one acts as a RTO for communication with the observers, while the other relays fire commands to the section. FDC personnel cross-train in computer skills to allow rotation for round-the-clock operations.

The FDC uses the MBC, MFCS, or LHMBC to convert observer data into fire commands. These commands are then reported to the firing section. Under other circumstances, FDC personnel might use the M16 (an alternate means of fire control for all mortars) or M19 (an alternate means of fire control for 60-mm mortar sections) plotting board. To prevent errors in the FDC, personnel cross-check their information using two MBCs or two M16/M19 plotting boards at all times. Neither the MFCS nor the LHMBC require a check computer for firing.

**Computer personnel:**

- Prepare and maintain an MBC or plotting board for plotting targets and producing firing data.
- Plot target locations called in by an observer and update them with observer corrections.
- Determine and announce the gun(s) to fire, number of rounds, deflection, charge, and elevation.
- Determine the size of angle T and announce it to the observer when angle T exceeds 500 mils or when requested.
- Number and replot targets for future reference.
- Compute and apply registration and MET corrections.
- Plot the location of friendly elements, supported unit boundaries, observers, no-fire lines, and safety limits in the MBC or on the M16/M19 plotting board.
- Maintain DA Forms 2188-R (Data Sheets) with current firing information about all targets.

**Gunner:**

- The gunner manipulates the sight, elevating gear handle, and traversing assembly wheel. He also places firing data on the sight and lays the mortar for deflection and elevation.