

GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

OCCUPATION EXHIBIT

[Back to Results](#) [Print Page](#)**MOS-13B-005****CANNON CREWMEMBER**

13B30

13B40

Exhibit Dates: 4/16–Present.

Description

Summary: Operate, perform routine maintenance, troubleshoot, and repair a computer-based tactical data collection system. Operate and maintain radar systems and integrate the radar and other networked data connections with the tactical data collection system. Establish, maintain, and operate secure voice and data collection system network connections. Troubleshoot and effect repair on electromechanical systems. Perform the integration and inter-operation of multiple data network topologies. Manage complex operational activities, utilize sophisticated computer-based data collection systems, data communication systems including radio and satellite systems, and radar systems. Create and/or interpret senior leaders' intent, plan, develop, and manage training of subordinates, including safe work practices. Review, consolidate, prepare, and document personnel and administrative reports of subordinates. Provide career and personal counseling, mentoring, and support. Communicate, motivate, and lead staff to support operational missions. **Skill Level 30:** Directs and supervises movement emplacement of the howitzer section. Supervises and directs the construction, camouflage, and defense of the section position. Trains, instructs, and supervises section personnel in cannon gunnery procedures and firing. Responsible for the verification of safe firing data. Supervises the handling, storage, accountability, and distribution of ammunition. Supervises the performance of operator, crew, and organizational maintenance on section vehicles. **Skill Level 40:** Able to perform the duties required for Skill Level 30; assists platoon leader in the planning, preparation, and execution of collective training activities of the platoon. Conduct battery/platoon reconnaissance, selection, occupation, and defense of position areas. Supervise firing battery personnel engaged in firing battery operations, maintenance, and training. Lays the unit for direction of fire and verifies safe operations before and during firing. Supervises battalion ammunition trains operations. Reviews, consolidates, and prepares technical, personnel, and administrative reports covering firing battery element activities.

Related Competencies

Supervision topics include career counseling, coaching and mentoring, conflict resolution, coordination, inventory control, materials management, and scheduling. **Public speaking** topics include audience engagement, briefings, communications, delivery, effective delivery methods, multimedia, oral presentations, presentations, and research. **Communications** topics include audience engagement, audience identification, briefing, business correspondence, computer applications, cultural communication, oral communication skills, technical writing, and written communication skills. **Introduction to mechanical systems** topics include conveyor systems; gears; measuring instruments; mechanical drawings (CAD); mechanical safety parameters; pump, exploded view; symbols; and valves, exploded view. **Computer essentials** topics include basic networking, hardware, operating systems, peripheral devices, productivity software, software, storage devices, troubleshooting and maintenance, and types of memory. **Data communication and network fundamentals** topics include disaster recovery, IP addressing, LAN topologies, multiplexing, network management, network media, network troubleshooting, network types, OSI model, security protocols, and TCP/IP protocol. **Electromechanical troubleshooting and maintenance** topics include motors and generators, programmable logic controllers, relay logic, relays, schematics, starters, thyristors, vernier caliper, and wiring diagrams. **Leadership** topics include communication, conflict resolution, contingency leadership, coordination, cultural sensitivity and analysis, decision-making, delegating, discipline issues, and ethical decision-making. **Management** topics include communication, controlling, diversity management, ethics, human resource planning, leading, organizing, planning, and risk assessment. **Project management** topics include budget and resourcing, coordinating, critical thinking, decision-making, forecasting, logistics support and scheduling, mission planning, project planning, quality control measures, safety and risk management, and

strengths/weaknesses/opportunities/threats (SWOT) analysis. **Risk assessment** topics include critical thinking, occupational safety, problem resolution, risk communication, risk management, risk reduction, and risk resolution.

Recommendation, Skill Level 30

In the lower-division baccalaureate/associate degree category, 3 semester hours in supervision, 3 in communications, 3 in introduction to mechanical systems, 3 in computer essentials, 3 in data communication and network fundamentals, and 3 in electromechanical troubleshooting and maintenance. In the upper-division baccalaureate degree category, 3 semester hours in risk assessment. (8/16)(8/16).

Recommendation, Skill Level 40

In the lower-division baccalaureate/associate degree category, 3 semester hours in supervision, 3 in public speaking, 3 in communications, 3 in introduction to mechanical systems, 3 in computer essentials, 3 in data communication and network fundamentals, and 3 in electromechanical troubleshooting and maintenance. In the upper-division baccalaureate degree category, 3 semester hours in leadership, 3 in management, 3 in project management, and 3 in risk assessment. (8/16)(8/16).

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ACE occupation reviews are conducted by faculty currently teaching at appropriately accredited colleges and universities. Faculty teams analyze the official occupation standards and validate the duties and requirements through service member interviews to determine if the content, scope, and rigor of the experiential learning align to current postsecondary curricula. A minimum of 3 faculty evaluators must achieve consensus on credit recommendations. Please see [Faculty Evaluators - Home Page](#) for more information.

AMERICAN COUNCIL ON EDUCATION
ONE DUPONT CIRCLE NW
WASHINGTON, DC 20036
202-939-9300
LOCATION AND DIRECTIONS

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