

GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

OCCUPATION EXHIBIT

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MOS-15R-002

AH-64 ATTACK HELICOPTER REPAIRER

15R30

15R40

Exhibit Dates: 6/08–Present.

Career Management Field: 15 (Aviation).

Description

Summary: Supervises and performs maintenance on AH-64 attack helicopters, excluding repair of systems components. **Skill Level 30:** Supervises and provides technical guidance to subordinate soldiers performing aircraft and subsystem maintenance and evaluates the technical training program; evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies; performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations; plans, conducts and supervises aircraft technical inspections; computes basic weight and balance records; participates in maintenance test flights; ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration; manages people in the workplace; organizes development techniques; influences behavior at work and the factors contributing to interpersonal relations; communicates verbally and in writing; and manages a diverse workforce. **Skill Level 40:** Able to perform the duties required for Skill Level 30; supervise aircraft maintenance and technical inspection activities; determines man-hours, personnel, parts and facility requirements to repair aircraft and associated equipment; plans aircraft maintenance areas, component repair shops and facilities; instructs subordinates in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards and operational policies; maintains supply economy and discipline; supervises the technical training program; prepares evaluations, special reports and records pertaining to aircraft maintenance repair and related activities; recommends and administers plans and policies.

Related Competencies

Introduction to human resource management topics include conflict resolution, cultural diversity, health and safety, job analysis, managerial ethics, performance appraisals, staffing, and training and development. **Introduction to management** topics include logistical support planning, operations execution, oral and written communications, planning and coordinating projects, safety procedures development, and scheduling. **Computer applications** topics include Adobe applications, computer hardware, database management, Microsoft Office Suite, and scheduling. **Mechanical systems** topics include aircraft rigging procedures, corrective maintenance procedures, gear systems, inspection, maintenance and repair, preventive maintenance, pumps, and valves. **Quality assurance** topics include data analysis, follow-up inspections, hazardous material identification, policies and procedures, quality control, quality inspection, safety assurance, trend analysis, and work performance and monitoring. **Helicopter powertrain maintenance and repair** topics include drive train, gear boxes, inspection, repair procedures, system operations, transmission, and troubleshooting. **Aircraft systems inspection and troubleshooting** topics include component inspection, component troubleshooting, engines, gear boxes, maintenance test flights, mechanical flight controls, operational checks, rotors, scheduled inspection, special inspections, transmissions, and weight and balance. **Maintenance management** topics include airworthiness publications, aviation resource management, communications, controlling materials, controlling supplies, data collection, human factors, maintenance documentation, parts inventory, quality control, and risk management.

Recommendation, Skill Level 30

In the lower-division baccalaureate/associate degree category, 3 semester hours in introduction to human resource management, 3 in introduction to management, 3 in computer applications, and 3 in mechanical systems. In the upper-division baccalaureate

degree category, 3 semester hours in helicopter powertrain maintenance and repair, 3 in aircraft systems inspection and troubleshooting, and 3 in quality assurance (1/13)(1/13).

Recommendation, Skill Level 40

In the lower-division baccalaureate/associate degree category, 3 semester hours in introduction to human resource management, 3 in introduction to management, 3 in computer applications, and 3 in mechanical systems. In the upper-division baccalaureate degree category, 3 semester hours in helicopter powertrain maintenance and repair, 3 in aircraft systems inspection and troubleshooting, 3 in quality assurance, and 3 in maintenance management (1/13)(1/13).

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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.

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