

SPECIFICATIONS FOR MILITARY OCCUPATIONAL SPECIALTIES

Makes and hangs doors, lays floors and roofing, and fits siding to railroad cars. Operates wood-working machinery and uses carpenter's hand tools for trimming and shaping wood patterns. Determines whether finished patterns are in exact accordance with prescribed dimensions. Reinforces joints, glues joints, and clamps until dry. Replaces worn padding, springs, and seat covers.

Equipment includes woodborers, jointers, molders, planers, and sanders, rip, cross-cut, band, and scroll saws, pattern maker lathe and trimmer and carpenter's and cabinetmaker's hand tools, sewing machines and canvas working equipment.

Must be able to work from blueprints or sketches. Must know mechanics of fitting joints, laying floors, and fitting sidings. Must be familiar with carpenter's folding rules and squares. Must know various types of lumber.

SUGGESTED SUBSTITUTES

050 Carpenter, General
202 Carpenter, Ship

TRAFFIC MAN, RAILWAY (047)

Car Distributor, Railway

Supervises sidetracking, switching, and distribution of railway cars and trains along haulage ways of a military railroad system.

Maintains records of location and movement of railway cars, capacity of yards and sidings, and directs movement of cars as required.

Must have knowledge of rules and regulations governing operation of military railways.

SUGGESTED SUBSTITUTE

053 Conductor, Railway

CAR MECHANIC, RAILWAY (048)

Airbrake Mechanic

Brake Inspector, Railway Car

Foreman, Car Mechanic

Railway Mechanic, General

Performs various types of mechanical repair work in a military railway repair shop on freight and passenger cars in connection with the maintenance of railway rolling stock.

Repairs or replaces broken or defective parts of railway cars, including under frames, wheel trucks, couplers, and draft gears. Performs such operations as cutting, drilling, reaming, riveting, and calking. Straightens, reinforces, and repairs car frames and members. Inspects and packs car journals. Inspects and repairs or replaces air brakes and air brake operating equipment.

Equipment includes air hammer, air drill, air jack, and drill bits. Drill bits include punches,

reamers, and rivet dies and tongs; lay-out tools such as straight edge, rule, dividers, scribes, and squares. Operates such machine tools as drill press, metal punch, power shears, emery wheel, and hydraulic press.

Must be able to work from blueprints and written or oral specifications. Must have knowledge of the principles of railway car design and construction and operation of the various parts.

SUGGESTED SUBSTITUTES

112 Locomotive Mechanic
342 Master Mechanic

CARPENTER, GENERAL (050)

Cabinetmaker	Carpenter, Construction
Carpenter (AAF)	Packing Case Maker

Performs a variety of carpenter tasks in connection with the construction and repair of buildings, drainage systems, waterworks, airports, motion picture sets, and related structures.

Repairs and replaces stringers. Builds frames, lays floors, and puts up partitions. Erects concrete forms and scaffolds. Installs doors and windows. Erects and installs guard rails.

Packs and crates material and builds bracing and framing to hold boxes and crates in place in freight cars, ships, airplanes, or other means of transportation. Constructs special devices for transportation of acids, explosives, and other delicate items.

Must be able to work from blueprints and drawings. Should be able to construct cases and have knowledge of corrosion proof packing.

SUGGESTED SUBSTITUTE

202 Carpenter, Ship

CLERK, GENERAL (055)

Account Clerk	File Clerk
Audit Clerk	Historical Clerk
Bookkeeper	Librarian
Clerk (Non typist) (AAF)	Mail Orderly
Dispatcher-Clerk (Crew)	Processor
Dispatcher-Clerk, Motor Vehicle	Proofreader
Ditto or Mimeograph Machine Operator	Record Clerk
	Statistical Clerk

Performs a variety of clerical tasks in connection with the operation of a military unit.

Compiles and files reports and statistics. Tabulates and posts data in record books. Takes telephone messages and gives information to callers. Checks calculations and makes simple bookkeeping entries. Sorts and distributes mail. Duplicates orders, memoranda and bulletins using mimeograph and ditto machines

MILITARY OCCUPATIONAL CLASSIFICATION OF ENLISTED PERSONNEL

SUGGESTED SUBSTITUTES

097 Installer-Repairman, Telephone and Telegraph
187 Repeaterman, Telephone
232 Switchboard Installer-Repairman, Manual

CARTOGRAPHER (387)

Performs various drafting tasks in connection with the drawing of maps (other than topographical) of roads, cities, towns, and other areas of military importance.

Computes, draws and copies maps from notes or other maps, using such tools as T-square, triangles, engineer's scale, French curve, railroad and contour pens, lettering guides, protractor, map measure, drawing table and color paints. Colors terrain features and indicates location of artillery objectives, detailed trenches, communication lines and roads.

Must be familiar with conventional signs and symbols used in military map making. Must know drafting fundamentals and the use of drafting tools.

SUGGESTED SUBSTITUTES

070 Draftsman
076 Draftsman, Topographic

TABULATING MACHINE OPERATOR (400)

Sets up and operates electrically powered tabulating machines such as horizontal sorters, collators, reproducers, interpreters and alphabetic tabulators, for furnishing statistical and other types of information pertaining to military personnel and records. Wires plug boards to correspond to required operations and inserts board into machine. Makes minor adjustments to mechanical and electrical parts.

May supervise enlisted men in machine operations, assigning work and checking operations.

Must have knowledge of machine records procedures, and be able to operate and adjust tabulating machine equipment.

SUGGESTED SUBSTITUTE

272 Key Punch Machine Operator

HIGH VOLTAGE CABLE SPLICER (401)

Splices high voltage wires to join multiple conductor cables in the installation and maintenance of military electric railway catenary systems.

Dries out moisture from splice with paraffin or desiccant, wraps, and covers with lead sleeves. Tests sheath by means of gas or air under pressure. Tests conductors for continuity and insulation by means of buzzer system or other test instruments. Climbs poles, using climbing tools and aids.

Tools and equipment used include climbing irons, safety belt, repair set consisting of wire, pliers, screw driver, knife, splices, insulating and

friction material, and conductor and insulation testers.

Must be familiar with standard operating rules and regulations governing military railway electric transmission systems. Should be able to splice rubber covered cable. Should have experience on cables of 440 voltage and up.

SUGGESTED SUBSTITUTES

039 Cable Splicer, Tp and Tg
165 Lineman, Power
238 Lineman, Tp and Tg
182 High Voltage Lineman

CLERK-TYPIST (405)

Addressing-Embossing	Clerk, Company
Machine Operator	Clerk, Headquarters
Administrative and Technical	Personnel Clerk
Clerk	Typist
Chaplain's Assistant	Vari-Typist
Clerk, Battery-	

Performs numerous clerical and typing duties in a military organization.

Uses typewriter to prepare mimeographs, stencils, military correspondence, indorsements, reports, and standard forms peculiar to military administrative and personnel matters. Uses a graphotype machine to emboss information on metal tabs for use with addressograph equipment. Distributes, classifies, and files correspondence. Keeps alphabetical and numerical file in accordance with military methods. Opens mail, receives, and transmits telephone messages and routes correspondence.

Must be able to type accurately at approximately 35 words per minute or better. Must have good general knowledge of military filing classification system. Must understand the structure of military correspondence.

Should be familiar with preparation of military forms such as morning reports.

SOUND MIXER, MOTION PICTURE (407)

Operates sound mixing board in connection with the production of motion pictures for historical, training, or publicity purposes.

Studies script of dialogue, sound and music effects of each scene. Locates sound mixing board near source of sound. Tests equipment by turning power switch and checking meter readings. Regulates the tone, volume, and quality of sound picked up by one or more microphones on set by means of control switches on sound mixing board so that the sound may be recorded on films or records to provide desired effects. Tests results by listening to noises and sound through headphones. Watches volume level indicator and adjusts volume controls.