# UNITED STATES MARINE CORPS 

# MANUAL OF MILITARY OCCUPATIONAL SPECIALTIES 

NAVMC 1008-PD (Revised)

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## FOREWORD

# THIS MANUAL AND OFFICIAL CHANGES THERETO WILL BE USED AS THE BASIC GUIDE FOR IDENTIFYING MARINE CORPS MILITARY OCCUPATIONAL SPECIALTIES 

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## Chapter I <br> INTRODUCTION

Section 1.-PURPOSE AND CONTENTS OF THIS MANUAL
(1) The primary purpose of this manual is to provide a uniform method of identifying and referring to the jobs that occur in the Marine Corps and to the individuals who are qualified to perform the duties of these jobs. This uniformity facilitates the assignment of officer and enlisted personnel to duties in which they will be of the greatest value to the service and in which their skills will be utilized most effectively; it simplifies the requisitioning of personnel for particular duty assignments; and it aids in the construction of Tables of Organization with respect to the numbers and qualifications of individuals needed by units to perform their missions.
(2) The job specifications with their title and number designations that are presented in this manual can be used to identify jobs, but in order to identify an individual in accordance with his qualifications, they must be used in conjunction with Classification Regulations, NAVMC 1003-PD (Revised), which is the basic reference for personnel classification procedures and practices, and which describes in detail such matters as determining qualification in a military occupational specialty, method of recording job titles on Qualification Cards and other personnel forms, and methods of certifying or voiding qualification in a military occupational specialty.
(3) This manual is essentially a collection of the numerical codes, titles, and descriptions of jobs that occur in the Marine Corps, with appropriate indexes and instructions for locating and using the titles and interpreting the descriptions. Army publications TM 12-405 and TM 12-426, or the Dictionary of Occupational Titles, whichever is appropriate for the purpose desired, will be used to identify civilian occupations.

Section 2.-DEFINITION OF MILITARY OCCUPATIONAL SPECIALTY, ALTERNATE TITLE, SPECIFICATION SERIAL NUMBER, AND JOB SPECIFICATION
(1) Definition of MOS.-A military occupational specialty, hereafter referred to as MOS, is the term used to identify a military job. This job may consist of one specific duty or it may be a composite of closely related duties. For example, individuals are not trained to be only BC Telescope Observers or only Flash Ranging Observers; they are trained to perform a number of duties incident
to the collection and compilation of field artillery firing data. These related duties are grouped into one MOS entitled Field Artillery Fire Control Man. Any individual, then, who is qualified as a Field Artillery Fire Control Man can perform all of the duties conveniently grouped together in this one MOS. On the other hand, a duty assignment which is so specialized as to prevent grouping is recognized as an individual specialty, e.g., WATCH Repairman. The general principle followed in the preparation of this manual has been to group into one MOS those duties that require essentially the same special knowledge and skills.
(2) Alternate titles.-Alternate job titles are titles which normally indicate specific duty assignments within one MOS. For example, BC Telescope Observer, Flash Ranging Observer, and Range Finder Operator are alternate titles for Field Artillery Fire Control Man. Alternate titles are used in Tables of Organization when necessary to indicate more specifically the exact duties to be performed by authorized personnel. In other instances, alternate titles are merely MOS titles that have been used in the past or that have been used by a limited number of units to designate identical jobs. For example, Pioneer Officer is an alternate title formerly used to designate a Shore Party Officer.
(3) Definition of SSN.-The specification serial number, hereafter referred to as SSN, is simply a three- or four-digit number which has been assigned to an MOS for identification purposes. For example, 645 is the SSN for Field Artillery Fire Control Man. It is also the SSN for the alternate field artillery fire control job titles, BC Telescope Observer, Flash Ranging Observer, and Range Finder Operator.
(4) Definition of job specification.-Job specification is the term used to identify the composite of all the information given in this manual for each MOS. (See Section 4 below.)
(5) It will be noticed that throughout this manual the MOS titles are listed in capital letters. Alternate titles are listed in lower case letters with initial capitals.
(6) Job title abbreviations.-(a) For rapid and convenient entry on Qualification Cards and other forms, abbreviations for MOS titles are presented in Chapters II and III and appear in brackets immediately beneath the complete titles in the job specifications. For example, the abbreviation for Heavy Antiaircraft Fire Control Man (SSN 596) is Hvy AA FC Man.
(b) Suitable abbreviations for alternate job titles will follow as closely as possible the abbreviations for MOS titles and the current Marine Corps Order containing the list of abbreviations authorized for use in muster rolls and other Marine Corps forms.

## Section 3.-RELATIONSHIP OF MOS TITLES AND SSN'S TO TABLES OF ORGANIZATION

(1) Tables of Organization may list any of the job titles common to an MOS. Whenever possible, however, the job title entry on a $\mathrm{T} / \mathrm{O}$ will be the MOS title, i.e., the main job title, as listed in this manual. Alternate job titles will be used only when they are necessary to make the T/O more meaningful. For example, a Rifle Squad Leader is properly identified by the MOS title, RIfleman (SSN 745) ; but in order to clarify the Marine's specific duty assignment in the squad, the T/O lists the title, Squad Leader, Rifle, to distinguish the leader from the other members of the squad who are also identified by the MOS title, RIFLEMAN (SSN 745). Tentative or proposed T/O's submitted to Headquarters, Marine Corps, should be drawn up in accordance with these principles for the use of job titles and SSN's.

## Section 4.-ELEMENTS OF JOB SPECIFICATIONS IN THIS MANUAL

(1) (a) A job title cannot in itself be completely descriptive of the job. Reference must be made to a job specification before a title and SSN are finally selccted for any purpose.
(b) Each job specification in this manual contains the following elements:

1. Specification serial number (SSN).
2. MOS title.
3. Functional field reference number. (See Section 12 below.)
4. A brief description of the principal duties and responsibilities of the MOS.
(c) Some job specifications contain, in addition, the following elements:
5. Abbeviated MOS title which will be used for Qualification Card entries.
6. A brief statement of the qualifications required to perform the duties of the MOS.
7. Notes to aid in distinguishing between related MOS's.
8. Suffix code letters to identify equipment, subjects, etc. (See Section 5 below.)
(2) The description of duties given in the job specifications are brief and go into detail only insofar as it is necessary to differentiate an MOS from other related MOS's. No attempt has been made to include all of the specific duties performed by each type of specialist. Similarly, duties common to all or nearly all officer MOS's, such as instructional, training, supervisory, disciplinary, or reporting duties, are not repeated.

Section 5.-SSN CODE LETTERS AND MOS TITLES INDICATING SPECIAL EQUIPMENT AND SPECIAL SUBJECTS
(1) Some of the MOS's described in this manual require the use of code letters after the SSN, and of names of equipment or subjects after the title to describe more completely the skills of personnel who are classified with such SSN's. For example, the letter E after SSN 687 indicates that the Marine holding this SSN is a Propeller Mechanic (Electric) ; and his SSN would always be reported as 687E. Similarly, a Marine with SSN 687 H is a Propeller Mechanic (Hydraulic). A Marine experienced with both types of propellers is a Propeller Mechanic (Electric, HydrauLIC), and his SSN would be reported as 687B. Some other MOS's of this sort are:

> Translator (Designated Language). OFFICE MACHINE SERviceman (Designated Machine).
> MACHINE OPERATOR (Designated Machine).
> RADAR OPERATOR (Designated Equipment).
(2) No SSN code letters will be improvised for an MOS, and no names of equipment or subjects will accompany its title unless such code letters or names are part of the job specifications as presented in this manual or in official changes or additions thereto.
(3) Code letters will not be used with SSN's on T/O's where they refer to types of equipment that may vary between like units or within one unit over a period of time. They will be used only to refer to nonvariable types of equipment. For example, code letters will not be included on T/O's with SSN's for Radar Operators because of the variation in types of sets in units organized on the basis of the same T/O. However, a code letter will be used with the SSN for Office Machine Serviceman when, for example, a typewriter repairman is authorized.

## Section 6.-SUPERVISORY MOS'S

(1) General principle.-Throughout this manual the number of separate MOS's for supervisory duties has been kept at a minimum. An entirely separate MOS on the supervisory level has been recognized only when such duty requires an intimate knowledge of more than one subordinate MOS.
(2) The MOS's provided for various types of supervisory duties fall into three categories:
(a) Supervisory and Subordinate Duties Included In The Same Mos.-A duty assignment on the supervisory level which requires basically the same knowledge as the job subordinate to it is included in the MOS for the subordinate job. Supervisory status, in these cases, is established by rank or seniority. For example, a

Field Artillery Section Chief is a Field Artillery Crewman of appropriate rank supervising other Field Artillery Crewmen of lesser rank.
(b) Supervisory Duty Included in the Mos of One of the Subordinate Jobs.-Some supervisory duties require an intimate knowledge of only one of the subordinate jobs. In most instances this subordinate job itself involves some familiarity with the other subordinate jobs. For example, in camouflage activities a Camoufleur supervises: Painters, General; Carpenters, General; and other Camoufleurs.
(c) Supervisory and Subordinate Duties Included In Different Mos's.-A duty assignment on the supervisory level which requires an intimate knowledge of several subordinate MOS's is included in an MOS different from any of the subordinate MOS's. For example, an Infantry Chief supervises Riflemen. Automatic Riflemen, Mortor Crewmen, and Machine Gun CrewmEN. To supervise these specialists he must be thoroughly familiar with the duties of each and must possess additional skills and knowledge to enable him to coordinate their activities.

## Section 7.-INSTRUCTOR MOS'S

(1) General principle.-It is not feasible to develop job specifications for the many instructional duties performed by officer and enlisted personnel. In most cases, instructional duties parallel the functional performance of, and can be included in, one MOS. For example, the skills and knowledge represented by the job of Cook and an instructor job in the same field are sufficiently alike to be grouped into one MOS. Similarly, the job of Tank Officer and an officer instructor in the same field are grouped into one MOS and identified by the same SSN.
(2) Special instructor MOS's.-(a) There are some cases where instructor jobs are separate and distinct MOS's. These are the jobs that have no counterpart in the field as a tactical, combat, or operational specialty. An example of such an MOS is LINk Trainer Instructor. As a rule, Link Trainer Instructors do not train other personnel to be instructors. Their primary function is to give instruction to pilots in instrument flying by means of special training devices, although pilots receive most of their flying instruction from other pilots. In other words, the skills and knowledge required by a Link Trainer Instructor to perform his job are vastly different from the skills and knowledge taught by him through the medium of the Link Trainer. His job is strictly an instructor specialty with no field or combat counterpart, and as such, warrants a separate MOS.
(b) In other rare instances, normally in correspondence schools, there are enlisted instructors teaching subjects, such as mathematics and history, which have no close relationship to a particular military job and which are not covered by a specific instructor MOS. For these cases the MOS entitled Instructor (Designated Subject), identified by SSN 659, has been provided.

## Section 8.-CODING OF OFFICER PILOT SSN'S

(1) The following code letters will be used after the SSN's of officer pilots to indicate type of training completed or extent of experience:

P-Has completed the operational syllabus in type of aircraft indicated by SSN.
T-Has completed the Marine Corps squadron training program (tactical syllabus) in type of aircraft indicated by SSN.
E-Has participated as a pilot in organized flight against the enemy in type of aircraft indicated by SSN; or, has completed the Marine Corps squadron training program (tactical syllabus) in type of aircraft indicated by SSN and has completed two years' service as a Naval Aviator.

## Example

An officer who completed the operational training syllabus for single-engine fighter aircraft, then was transferred to and completed Marine Corps single-engine torpedo bomber squadron training, would have the following SSN's:

9980T 1055P

If the same officer then piloted a single-engine torpedo bomber plane in organized flight against the enemy, his SSN's would be:

9980 E
1055P
If he then was transferred to a Marine Corps twin-engine bomber squadron and completed squadron training for that type of aircraft, his SSN's would be:

1022T
9980E
1055P
Upon completion of two years' service as a Naval Aviator, his SSN's would be:

1022E
9980E
1055P

Section 9.-ENLISTED SEA DUTY MOS'S
(1) General principle.-No specific enlisted sea duty MOS has been provided in this manual. The principal duties performed by men in ship detachments are adequately covered by the MOS's for comparable jobs on land. Furthermore, since the utilization of Marines aboard ship varies, an exhaustive list of appropriate MOS's for use in ship detachments is not feasible.
(2) Examples of some MOS's commonly found in ship detachments are as follows: Clerk, Administrative (SSN 501) ; Property NCO (SSN 566) ; First Sergeant (SSN 585) ; Heavy Antiaircraft Gun Crewman (SSN 601) for 5 " $/ 38$ cal. or $5^{\prime \prime} / 25$ cal.; Antiaircraft Machine Gun Crewman (SSN 606) for . 50 cal. or 20mm; Orderly (SSN 695) ; Heavy Artillery Crewman (SSN 845) for $6^{\prime \prime} / 47$ cal., etc.; and Light Antiaircraft Gun Crewman (SSN 864) for 40 mm .

## Section 10.-USE OF SSN'S 0006 AND 500 FOR UNDETERMINED MILITARY SPECIALTIES

(1) SSN's 0006 and 500 will be used for officer and enlisted personnel respectively who cannot be accurately classified by any job specification listed in this manual. These SSN's are temporary classifications and will not be recorded on Qualification Cards. They will be used for reporting purposes only, until a reply has been received from Headquarters, Marine Corps, in response to a request for the use of SSN's 9999 and 998 in specific cases, or for the inclusion of a new job specification in the manual. (See Sections 11 and 14 of this chapter.)

## Section 11.-USE OF SSN'S 9999 AND 998 FOR PERSONNEL PERFORMING SPECIAL ASSIGNMENTS

(1) SSN's 9999 and 998 do not indicate specific MOS's but are used for identifying officer and enlisted jobs respectively which are very highly specialized and which are not included in one of the regular MOS's described in this manual. Requests for the use of these SSN's will be accomplished in the same manner as requesting a new job specification. (See Section 14, paragraph 2, below.)

## Section 12.-FUNCTIONAL FIELDS-USE OF CHAPTER IV

(1) All of the MOS's described in this manual have been separated in Chapter IV into 21 functional fields for the purpose of showing which MOS's are related or commonly involved in the performance of a given function. Each MOS title and SSN has been listed in only one functional field for the ultimate purpose of controlling personnel with respect to training, promotion, and assignment.
(2) The number indicating the functional field in which an MOS has been placed is presented with each job specification in Chapters II and III, and appears in italics above the job description and to the right of the job title.
(3) It will be noted that the functional groupings are in terms of broad functions performed rather than in terms of types of military organizations. For example, Coors (SSN 060) and Truck Drivers, Light (SSN 345) are found in a variety of organizations, but they are listed only in the "Food" and "Motor Transport" functional fields respectively.
(4) The functional fields as presented in Chapter IV are not analogous to special warrant designations, and it should not be assumed that the MOS's included in the engineer, communication, ordnance, and other functional fields are the MOS's for which appropriate "EP", "CP", "OP" and other special warrants are issued.

Section 13.-CONVERSION OF DELETED AND CHANGED SSN'S
(1) (a) Since classification procedures were inaugurated in the Marine Corps, many changes have occurred in the use of certain military SSN's with respect to job title and job description. At various times the Marine Corps has used the following publications for classifying military jobs:

1. Army publication AR 615-26 and supplements thereto.
2. NAVMC 1008-PD (Revised) (Tentative), June, 1944.
3. Army publication AR 605-95.
4. Army publication TM 12-406 and Change 1 thereto.
5. Army publication TM 12-407.
6. Handbook of Enlisted Military Occupational Specialties, Division of Aviation, 5 April, 1944; and additions thereto, 15 May, 1944.
7. Handbook of Officer Military Occupational Specialties, Division of Aviation, 15 May, 1944; and addendum thereto, 20 May, 1944.
8. Conversion Table of Enlisted Military Occupational Specialties, Division of Aviation, 20 June, 1944.
9. Officer Job Titles and Descriptions, Division of Aviation, 1 February, 1945.
10. Enlisted Job Titles and Descriptions, Division of Aviation, 1 February, 1945.
(b) Effective immediately, this manual will supersede all of the publications listed above, and it will be the only reference for determining military SSN's. The second publication listed above was a tentative draft of the present manual. It was in mimeo-
graphed form and had a limited distribution, since its primary purpose was to serve as a vehicle for criticisms and suggestions which have been incorporated in the present manual.
(2) Use of Appendixes A and B.-(a) Appendixes A and B list all military SSN's which have been deleted for Marine Corps use or which have changed fundamentally in respect to job specification. These appendixes will be useful in making conversions for deleted and changed SSN's, but caution must be exercised in doing so. Very few conversions can be made automatically. Each Qualification Card which has on it one or more SSN's which have been deleted or changed in meaning must be carefully reviewed, checked against job specifications in this manual, and corrected accordingly. No deleted military SSN's will remain on Qualification Cards. (See Classification Regulations, NAVMC 1003-PD, Revised.)
(b) It will be noted that many of the deleted SSN's occur only as part-time duty assignments in the Marine Corps. For such deleted SSN's, the SSN's of the specialists best qualified to perform the duties are given as suggested substitutes. Specialties that do not exist in the Marine Corps have the notation "None" appearing in the substitution column. Occasionally, the notation "Appropriate SSN" appears in the substitution column when the deleted SSN does not offer sufficient information for a recommended substitution. In such instances, it will be necessary to review carefully the job in question, and to select an appropriate SSN from this manual.
(c) When a suggested substitution does not seem to apply to a particular set of duties and responsibilities, the classifying officer should make a careful review of related MOS's. If after such a review, no SSN substitution seems appropriate, the classifying officer should communicate with Headquarters, Marine Corps. (See Section 14 below.)

## Section 14.-CHANGES, CORRECTIONS, AND ADDITIONS TO THIS MANUAL

(1) General.-In order to keep this manual current with new developments, revisions will be required from time to time. Job specifications for new MOS's may be needed, old job specifications may require deletion, and current ones may need changes with respect to the duties described. In order to insure careful consideration of proposed revisions, the cooperation of Classification Officers and other personnel concerned with matters relating to MOS's and SSN's is essential.
(2) Procedure for requesting a new job specification.-(a) Before formally requesting the inclusion of a new job specification in this manual, carefully study this introductory chapter and the
principles described therein. After such study, a review of the descriptions of MOS's in this manual will, in many instances, indicate one or more which might logically include the job in question. Where this is the case, a new specification should not be requested. Rather, the one most closely describing the job in question should be used.
(b) If after careful study of the descriptions in this manual, none of them seems appropriate, the Classification Officer or Classification Specialist in the organization should be contacted for the appropriate form to be filled out and the procedures to be followed in making job analyses and requests for new job specifications. When no classification personnel are attached to the organization, the job analysis form and instructions for its accomplishment may be obtained from Headquarters, Marine Corps. (See Section 10 of this chapter.)
(3) Procedure for requesting a revision to a current job specif-cation.-Suggestions regarding the accuracy or adequacy of job specifications presented in this manual are welcome and should be sent to Headquarters, Marine Corps.
(4) Procedure for requesting deletion of a current job specifica-tion.-Suggestions for deleting a job specification listed in this manual should be sent to Headquarters, Marine Corps and should include a brief statement of the reasons for the suggestion.

## Chapter II

# OFFICER MILITARY OCCUPATIONAL SPECIALTIES 

## Section 1.-OFFICER ALPHABETIC INDEX

In the following index, main MOS titles are listed in capital letters. Alternate titles and cross-index titles are listed in lower case letters with initial capitals.

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## Section 3.-OFFICER JOB SPECIFICATIONS

An officer who does not not have the necessary experience or training to warrant the assignment of another SSN. May perform a variety of duties not requiring specialized training or experience.

Nots-Officers with this SSN will constantly be observed to determine their potentialities and whenever possible will be developed into military specialists and duly reclassified when qualified.

0002

This SSN and job title will be used to designate officers who are holding the rank of Brigadier General or higher.

An officer who regularly performs duties for which no adequate classification can be found in this manual.

Note-This is a temporary classification to be used only until a reply has been received from Headquarters, Marine Corps, in response to a request for a new MOS and SSN, as described in Sections 10 and 14 of Chapter I.

Carries secret and confidential papers, documents, maps, and other classified material; assures safe and timely delivery to authorized persons at domestic or foreign locations.

Must be thoroughly familiar with regulations pertaining to the security of all classified material.

Directs or supervises the operations of a post office. Establishes procedures for timely delivery of mail and disposal of undeliverable mail; sets up methods and schedules of distribution; arranges for disposition of registered, special delivery, and insured mail. Supervises operation of directory service. May conduct special investigations and inspections of post offices and submit recommendations and reports of findings.

Must have a thorough knowledge of postal regulations and procedures.

Note-This SSN will not be used for officers supervising postal operations as additional duty.

Selects sites for and supervises the installation, operation, maintenance, and repair of radar ground equipment; coordinates the radar activities in the command with those of associated units. May serve as staff officer advising on matters pertaining to radar operations.

Must be thoroughly familiar with the technical principles of radar, types of equipment in use, tactical use of radar, and capabilities and limitations of radar sets.

Directs the installation, operation, maintenance, and repair of airborne radar and radio equipment. May direct the maintenance and repair of ground radio and other communication equipment.

Must be thoroughly familiar with the technical principles of radar equipment and of amplitude and frequency modulated radio transmitting and receiving equipment. Must know the tactical use of airborne radar and radio equipment and the capabilities and limitations of the various types of sets.

0160
RADAR OPERATIONS OFFICER, AIR WARNING
$\boldsymbol{s}$
[RADAR OPERS OFF, AW]
Directs the operations of the radar filter room in an air information center. Supervises the activities of personnel engaged in receiving information from radar stations and observation posts, and in placing markers on a plotting or filter board to indicate the presence, type, direction, and altitude of friendly or enemy aircraft. Evaluates filtered information and reports the results to the controller. Coordinates the activities of radar operators to insure complete coverage of all areas.

Must be familiar with the capabilities and limitations of air warning radar equipment. Must be able to make quick decisions as to probable course, speed, and objectives of enemy aircraft.

Directs the installation, operation, maintenance, and repair of the communication system of a unit, which includes such functions as wire and radio communications, visual and air-ground methods of signaling, and message center operations.

Must be thoroughly familiar with: The principles of organization and operation of radio and wire nets; the clearing of traffic through all agencies of communication, including the message center; and the servicing of messages. Must have a general knowledge of: Fundamental principles, tactical use, capabilities and limitations, of telephone, telegraph, teletype, radio, radar, visual signaling, and pyrotechnics; manner of preparation and use of signal orders and reports, including annexes for operation orders; and the procedure to be observed for handling of communications between ship and shore. Must have a general understanding of the communication functions in all types of units, such as infantry, artillery, tank, engineer, and signal units.

$$
\begin{aligned}
& \text { MESSAGE CENTER OFFICER or } \\
& \text { [MSG CEN OFF] } \\
& \text { COMMUNICATION WATCH OFFICER } \\
& \text { [COM WATCH OFF] }
\end{aligned}
$$

5

Directs the activities of a message center or communication office. Insures that outgoing messages are properly routed and that incoming messages are delivered promptly to proper persons
for action or information. Maintains prescribed files and records of messages sent and received. When required, encrypts or decrypts classified messages.

Must be thoroughly familiar with field or administrative message center operation, procedure for routing and servicing of traffic via radio and wire nets, organization and use of scheduled or special messenger service, operation and use of cryptographic aids, and regulations pertaining to the classification and handling of classified matter, including registered publications.

0225
Directs the activities of a radio intelligence unit in its assigned missions of intercepting enemy radio traffic, locating enemy radio stations, and monitoring friendly radio stations.

Must be a qualified Communication Officer (SSN 0200) with the additional knowledge of the operation and tactical use of radio and recording equipment employed in radio intelligence work, the plotting and reporting of locations, and the copying of messages in International Morse and Japanese Kana codes.

## 0300 COMMUNICATION OFFICER, TANK AND AMPHIBIAN TRACTOR 6

 [COM OFF, TK \& AMPHTRAC]Directs the installation, operation, maintenance, and repair of the communication system of a tank or amphibian tractor unit embracing the intravehicle, vehicle-to-vehicle, vehicle-to-ground, and the telephone, telegraph, radio and visual communication facilities of the unit.

Must be a qualified Communication Officer (SSN 0200) with the additional knowledge of the tactics of tank, amphibian tractor, and armored amphibian tractor units, so as to direct the communication functions peculiar to the unit.

Directs the installation, operation, maintenance, and repair of the communication system of an artillery unit which includes such functions as wire and radio communications, visual signaling, and message center operations.

Must be a qualified Field Artillery Officer (SSN 1193) and a qualified Communication Officer (SSN 0200). Must have a thorough knowledge of communication problems incident to the operation of forward observation posts and fire direction centers, and should know the fundamental principles of sound ranging equipment.

Directs the installation, operation, maintenance, and repair of telephone and telegraph communication systems including common battery and automatic systems used in permanent installations.

Must be thoroughly familiar with inside plant equipment such as switchboards, terminal boards, frames, and other telephone and telegraph exchange equipment including dial telephone system equipment. Must be thoroughly familiar with outside plant equipment such as repeaters, carriers, transformers, wire lines, buried and aerial cables.

0500

> RADIO OFFICER
> [RADIO OFF]

6

Directs the location, installation, operation, maintenance, and repair of mobile, portable, and fixed radio equipment used in a communication system.

Must have a thorough knowledge of amplitude and frequency modulated radio transmitting and receiving equipment. Must know radio procedure to organize and close nets, handle traffic, and service messages. Must know naval radio communication system in regard to organization and procedure for shore-to-ship and ship-to-shore messages.

Directs the location, installation, operation, maintenance, and repair of very high frequency ( 30 or more megacycles) radio equipment used for radio direction finding, for controlling aircraft, and for communication purposes. May direct activities relative to other systems of communication such as radio, telephone, telegraph, and message center.

Must be a qualified Communication Officer (SSN 0200) with the additional knowledge of very high frequency radio transmitting and receiving equipment and radio direction finding equipment. Must know the tactical employment of very high frequency radio equipment.

Directs the location, installation, operation, maintenance, and repair of communication equipment, such as amplifiers, radio sets, and directional antennae, used in telephone systems as radio links in areas in which continuous wire lines are impractical.

Must have a thorough knowledge of the fundamental principles, tactical use, capabilities, limitations, operation, and repair of radio link equipment.

0510
CRYSTAL GRINDING OFFICER
[CRYSTAL GRINDING OFF]
Directs the activities of a unit engaged in the cutting, grinding, calibrating, and testing of quartz and other crystalline substances used in crystal-controlled radio transmitters and in electronic frequency measuring and frequency calibrating equipment.

Must be thoroughly familiar with the physical properties of substances used for control of frequency in electrical equipment. Must be adept in the use of tools and instruments required for the processing of such substances. Must know types and characteristics of crystal cuts and the methods of placing finished crystals in holders for installation in electrical equipment. Should have a general knowledge of the electrical and radio characteristics of apparatus employing piezo-electric crystals.

Operates airborne radar equipment. Interprets signals received and directs pilot to target or to his home base.

Must know fighter director vocabulary and aerial navigation. Must be able to make minor adjustments and repairs in flight. Must be qualified for combat flight duty.

Directs the administration, training, and employment of a motor transport unit or of the motor transport activities of other units. Supervises the supply, personnel, and security activities of the unit and the receipt, storage, and issue of motor transport supplies and equipment. Directs the dispatching of vehicles in accordance with priorities, the movement of vehicles in convoy operations, and the inspection, maintenance, and repair of motor vehicles. May perform staff duties incident to motor transport activities.

Must be thoroughly familiar with the tactical employment of trucks, the capabilities and limitations of various types of motor vehicles, and regulations governing their use singly or in convoy. Must be familiar with limits of maintenance in various echelons and with such other items as fuel and parts supply, mileage records, and logs.

Note-See also SSN 4805.

Directs the routing, planning, and dispatching of freight shipments by motor, air, water, or rail. Supervises planning of traffic schedules, investigates delay in movement of supplies, and recommends corrective measures. May perform additional duties of Passenger Transportation Officer (SSN 0611).

Must have a general knowledge of all transportation facilities available for moving freight. Must know operating methods and packing requirements of transportation agencies.

Plans and schedules passenger transportation by air, rail, motor, or water. Plans and prepares itineraries; makes reservations for passengers; contacts transportation agencies to determine available accommodations; arranges special chartered service for movement of casuals and disabled personnel; maintains records and prepares reports; advises on troop movements and arranges with transportation agencies for essential equipment.

Must have a general knowledge of all transportation facilities available for moving passengers, and of regulations pertaining to routing and stop-over privileges.

## 0631

STABLE OFFICER
16 [STABLE OFF]

Supervises the grooming, feeding, exercising, treating, conditioning, and training of horses and mules; supervises stable management and maintenance of equipment; trains personnel for employment in a stable.

Must have extensive knowledge of the habits and care of horses.

$$
\begin{array}{ll}
\text { AMPHIBIAN TRUCK OFFICER } & 10 \\
\text { [AMPH TRUCK OFF] } &
\end{array}
$$

Directs or assists in directing the administration, training, and employment of an amphibian truck unit. Supervises the supply, personnel, and security activities of the unit, and the inspection, maintenance, and repair of amphibious trucks. Directs the tactical use of the vehicle in amphibious operations.

Must have a thorough knowledge of the tactics employed in the operation of amphibian trucks. Must be familiar with fuel and parts supply and with operation, and maintenance of vehicles. Must know the capabilities and limitations of amphibian tractors under various conditions of sea and land.

Directs the operation and maintenance of a railroad system. Coordinates schedules; prepares train and station rules; issues regulations for loading cars and for the make-up and movement of trains; inspects operations and facilities; maintains records, and issues reports on operations.

Must be thoroughly familiar with the management of a railroad including maintenance and repair of equipment, dispatching, car distributing, make-up and break-up of trains, loading, and routing. Must know federal and state regulations pertaining to railroads.

> BOAT OFFICER

Directs the activities of personnel engaged in the operation, maintenance, and repair of crash boats and other small vessels. Assigns crews to operating shifts, issues orders to boat crews and repair personnel, and inspects equipment.

Must know boat crewmen duties, dead reckoning, care and operation of small vessels, and international and inland rules for the prevention of collisions which apply to small boats.

Operates aircraft of a twin-engine utility type on towing, tracking, transportation, and other missions.

Note-See Section 8 of Chapter I for coding stage of training.
[PILOT, VMJ-1]
Operates aircraft of a single-engine utility type on towing, tracking, transportation, and other missions.

Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a twin-engine transport type used to carry freight and military personnel.

Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a four-engine transport type used to carry freight or passengers.

Note-See Section 8 of Chapter I for coding stage of training.

Regularly pilots aircraft of types used by the Marine Corps in such a manner as to determine the performance and efficiency of, or the effect of modifications to, the aircraft. By means of intentional maneuvers, creates desired conditions of flight and while performing these acts records the reaction of the plane or modification and the reading of its instruments.

Must be familiar with aircraft engineering principles and with the handling of aircraft. Must be able to recognize and diagnose instantly abnormal or unusual reactions and operating conditions.

Note-This SSN will be assigned only by the Commanding Officer of a large permanent Assembly and Repair Shop where major overhaul or modifications are made. It will be entered on the Qualification Card, and a letter from the commanding officer will be addressed to the Commandant of the Marine Corps giving the following information: Name, file numbe:, date the SSN was assigned, and the types of aircraft the pilot is qualified to test. This SSN will not be primary; test pilots will be reported the same as all other Naval Aviators.

1014
CONTROLLER, DAY
3
Directs from the ground, the daytime interception of enemy aircraft reported directly or through air warning services; by means of radio contact instructs friendly day fighter aircraft of time, place, and altitude of attacking aircraft.

Must be thoroughly familiar with the types, speed, and capabilities of friendly and enemy aircraft. Must be able to evaluate the relative strength of enemy air attacks.

An especially trained controller who directs from the ground the night time interception of enemy aircraft reported directly or through air warning services; by means of radio contact instructs friendly night fighter aircraft of time, place, and altitude of attacking aircraft.

Must be thoroughly familiar with the types, speed, and capabilities of friendly and enemy aircraft. Must be able to evaluate the relative strength of enemy air attacks.

Operates aircraft of a single-engine scout bomber type.
Note-See Section 8 of Chapter I for coding stage of training.

Makes observations from aircraft in order to secure information regarding the strength, disposition, activities, and probable intentions of enemy forces, and the location of enemy installations. Makes direct visual observations or takes aerial photographs as basis for later study. Communicates from aircraft to ground units by radio or by visual signaling devices. May fire aerial guns.

Must be qualified as an Infantry Officer (SSN 1542). Must have a general knowledge of the organization of enemy ground units, and must be able to identify friendly and enemy ground equipment. Must have a general knowledge of air-ground communications, aerial photography, and aerial gunnery. Must meet prescribed physical standards.

Note-See also SSN 1029.

Makes observations from aircraft in order to direct artillery fire and to obtain information regarding the strength, disposition, activities, and probable intentions of enemy ground forces. Reports the location of enemy installations and the effectiveness of friendly artillery fire. Makes direct visual observations or takes aerial photographs as basis for later study. Communicates from aircraft to ground units by radio or by visual signaling devices. May fire aerial guns.

Must be qualified as a Field Artillery Officer (SSN 1193). Must have a general knowledge of the organization of enemy ground units, and must be able to identify friendly and enemy ground equipment. Must have a general knowledge of air-ground communications, aerial photography, and aerial gunnery. Must meet prescribed physical standards.

Note-See also SSN 1023.

Plots course and navigates airplane over land and sea by dead reckoning and by celestial, radio, and radar navigation. Tests and inspects all navigation equipment; receives weather reports and instructions as to destination, course, and time of arrival; uses navigation instruments such as driftmeter, peloris, octant, radio compass, aperiodic compass; computes effects of various wind and weather factors on course; maintains log. May be required to perform duties of gunner or radio operator.

Must be able to determine accurately position of aircraft at any time during flight. Must pass flight physical examination.

Releases bombs on targets from a bomber plane; adjusts bombsight for such specific conditions as ground speed, elevation, and drift; identifiies target and releases bombs when target is seen in correct relation to appropriate markings in bombsight; reports effect of bomb hits to pilot. May fire aerial machine guns.

Must have thorough knowledge of the bombsight and the theory of bombing. Must be proficient in operating the bombsight, and in the use of the bomb rack and accessory equipment. Must pass a flight physical examination.

Performs the duties of Navigator (SSN 1034) and Bombardier (SSN 1035).

Must be fully qualified as prescribed for both SSN 1034 and SSN 1035.

1040 OXYGEN AND SAFETY EQUIPMENT OFFICER 3 [OXYGEN \& SAFETY EQUIP OFF]
Directs the inspection, maintenance, and repair of oxygen, carbon dioxide, and other safety equipment used in aircraft. Inspects personal safety equipment, such as oxygen masks, life rafts, life jackets, and first-aid emergency equipment. Inspects altitude chambers and fire extinguishers. May supervise instruction on methods of abandoning aircraft and surviving on land or afloat.

Must be thoroughly familiar with the types of oxygen and carbon dioxide equipment used in aircraft. Must be familiar with safety standards and prescribed methods for testing, handling, and stowing personal safety equipment.
[PILOT, VMD-1]
Operates aircraft of a single-engine fighter type in a photographic unit.

Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a twin-engine fighter type in a photographic unit.

Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a four-engine bomber type in a photographic unit.

Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a single-engine fighter type on photographic missions.

Must be qualified to operate from an aircraft carrier.
Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a single-engine fighter type in a bomberfighter unit.

Note-See Section 8 of Chapter I for coding stage of training.
1055

> PILOT, VMF-SINGLE ENGINE
> [PILOT, VMF-1]

Operates aircraft of a single-engine fighter type in a fighter unit.
Note-See Section 8 of Chapter I for coding stage of training.
1056
PILOT, VMF-TWIN ENGINE [PILOT, VMF-2]
Operates aircraft of a twin-engine fighter type in a fighter unit. Note-See Section 8 of Chapter I for coding stage of training.

1057

> PILOT, VMF(N)-SINGLE ENGINE
> [PILOT, $\operatorname{VMF}(\mathrm{N})-1]$

Operates aircraft of a single-engine fighter type in a night fighter unit.

Note-See Section 8 of Chapter I for coding stage of training.
[PILOT, VMF(N)-2]
Operates aircraft of a twin-engine fighter type in a night fighter unit.

Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a single-engine fighter type in a carrierbased fighter unit.

Must be qualified to operate from aircraft carrier.
Note-See Section 8 of Chapter I for coding stage of training.

Commands a unit equipped with air surveillance radar, fighterdirector radar (FCI), direction finding radio (D/F), air defense control center (ADCC), and associated radio and signal equipment; is responsible for its administration, training, and tactical employment.

Must be a qualified Controller, Day (SSN 1014), Controller, Night (SSN 1016), or Radar Officer, Ground Equipment (SSN 0115).

Commands a Marine Aircraft Group composed of two or more tactical squadrons, and is responsible for its administration, training, and tactical employment.

Must be familiar with the tactical employment, capabilities, and limitations of various types of aircraft. Must be a Naval Aviator.

1080
COMMANDING OFFICER, MARINE CARRIER AIR GROUP
3 [CO, MCVG]
Commands a Marine Carrier Air Group composed of two or more tactical squadrons operating from an aircraft carrier, and is responsible for its administration, training, and tactical employment. Directs the supply, maintenance, and security activities of the unit. Directs and controls the tactical employment of the unit in combat and prepares reports of results of missions.

Must be a Naval Aviator familiar with the employment and tactics of the various squadrons under his command and with the capabilities and limitations of carrier-based planes. Must be familiar with all aircraft carrier procedures relating to operation, use, and maintenance of aircraft. [CO, MASG]
Commands a Marine Air Support Group composed of Marine carrier groups. When Marine Air Support Group is shore-based, directs its administration, training, and tactical employment. When Support Group is afloat, acts in an advisory capacity as a member of the staff of the naval commander of a carrier division, coordinating the activities of the Marine Carrier Air Groups of the division in support of amphibious or ground operations.

Must be thoroughly familiar with all phases of tactics involving aircraft carriers and carrier-based aircraft. Must know the capabilities and limitations of aircraft. Must be a Naval Aviator.

NAVAL GUNFIRE OFFICER

[NAV GUNFIRE OFF]
Performs staff functions incident to the coordination of naval gunfire with land operations; or, from a forward position ashore, directs and controls naval gunfire. As a staff officer, prepares plans for the employment of naval gunfire on beaches and other land targets in amphibious operations; advises on the suitability of targets as objectives of naval gunfire; coordinates requests for supporting fire from ships; and maintains liaison with naval attack force gunnery section. As a spotter or forward observer, advises landing team commander on the suitability of targets as objectives of naval gunfire; calls for, controls, and adjusts ships' gunfire on selected targets.

Must have a thorough knowledge of naval organization and ships' characteristics and capabilities, as well as naval gunnery techniques and tactics pertaining to fire support for land forces. Must know naval fire control methods and proper procedure for voice-radio communications.

Directs, or assists in directing, the administration, training, and employment of a searchlight unit. Supervises the supply, personnel, and security activities of the unit, and the inspection, maintenance, and repair of searchlight equipment. Directs the operations of the unit in such missions as assisting antiaircraft gun units by lighting enemy aircraft at night, and assisting artillery units by illuminating targets at sea.

Must have a thorough knowledge of tactical and technical operations of searchlights, and a general knowledge of naval and air formations and tactics.

Directs, or assists in directing, the administration, training, and employment of an antiaircraft unit equipped with such weapons as the 90 mm antiaircraft gun. Supervises the supply, personnel, and security activities of the unit, and the inspection, maintenance, and repair of antiaircraft guns. Directs the operations of the unit in its mission of protecting friendly troops and installations by destroying or warding off enemy aircraft.

Must have a thorough knowledge of the tactics employed in the operation of antiaircraft units. Must know the operation and maintenance of such weapons as the 90 mm antiaircraft gun, and their radar and radio control systems. Must have a general knowledge of air formations and tactics and the characteristics of various types of aircraft.

Directs, or assists in directing, the administration, training, and employment of an antiaircraft unit equipped with such weapons as antiaircraft machine guns and 20 mm and 40 mm antiaircraft guns. Supervises the supply, personnel, and security activities of the unit, and the inspection, maintenance, and repair of antiaircraft guns. Directs the operations of the unit in its mission of protecting friendly troops and installations by destroying or warding off enemy aircraft.

Must have a thorough knowledge of the tactics employed in the operation of antiaircraft units. Must know the operation and maintenance of such weapons as machine guns and 20 mm and 40 mm antiaircraft guns, including fire control systems. Must have a general knowledge of air formations and tactics and the characteristics of various types of aircraft.

## ANTIAIRCRAFT OFFICER

[AA OFF]
An officer fully qualified in both light and heavy antiaircraft activities, as described for SSN's 1172 and 1174.

Note-Caution must be used in assigning this SSN. It is not intended that officers assigned to units employing both light and heavy antiaircraft be given this designation unless graduation from a recognized school or suffcient experience in both light and heavy units has fully qualified the officer in both fields.

## ROCKET OFFICER

Directs, or assists in directing, the administration, training, and tactical employment of a rocket launching unit employing other than aircraft and "bazooka" type launchers. Supervises the supply, personnel, and security activities of the unit and the inspection, maintenance, and repair of rocket equipment. Directs the operations of the unit in such assigned tactical missions as neutralizing and destroying targets dangerous to supported areas, restricting movement in enemy rear areas, disrupting hostile command agencies, interdicting hostile movements, and neutralizing enemy observation.

Must have a thorough knowledge of rocket launching tactical and technical operations. Must know maintenance and operation of rocket launching equipment.

FIELD ARTILLERY OFFICER
[FA OFF]

Directs, or assists in directing, the administration, training, and tactical employment of a field artillery unit equipped with such
weapons as 75 mm , 105 mm , and 155 mm howitzers and guns. Supervises the supply, personnel, and security activities of the unit, and the inspection, maintenance, and repair of all weapons and equipment. Directs the operations of the unit in such assigned field artillery missions as neutralizing and destroying targets dangerous to supported areas, restricting movement in enemy rear areas, disrupting hostile command agencies, interdicting hostile movements, and neutralizing enemy observation.

Must have a thorough knowledge of field artillery tactical and technical operations. Must know maintenance and operation of field artillery weapons.

1203
TANK OFFICER
19
[TK OFF]
Directs, or assists in directing, the administration, training, and tactical employment of a tank unit. Supervises the supply, personnel, security, and minor maintenance activities of the unit. Directs or leads tanks in assault or support missions and coordinates direct and indirect fire of tank weapons.

Must have a thorough knowledge of tanks, their tactical employment, and coordination with other units. Must know maintenance and operation of tank equipment and armament.

Note-See also SSN 4803.

Directs, or assists in directing, the administration, training, and tactical employment of an engincer unit in the performance of such duties as: Construction, repair, and maintenance of roads, bridges, field fortifications, weapon emplacements, obstacles, and mine fields; removal of enemy obstacles such as mine fields, road blocks, and wire entanglements; and the installation, repair, maintenance, and operation of utilities such as water supply facilities. May prepare specifications for and supervise construction of buildings, such as barracks, recreation halls, and warehouses.

Must have a general knowledge of engineering principles and a thorough knowledge of engineering practices pertaining to the construction, demolition, and maintenance activities of an engineer unit. Must be familiar with employment of such equipment as tractor bulldozers, motorized air compressors, pneumatic tools, blacksmith sets, carpenter sets, and drafting instruments. Must be able to direct groups of men engaged in digging, clearing, rigging, timber cutting, rough carpentry, demolition, and wrecking operations.

Directs, or assists in directing, the administration, training, and tactical employment of a shore party unit in the establishment of a beachhead supply system for amphibious operations. Supervises such activities as: Selection of sites for and the establishment of beach supply dumps, landing areas, aid and medical collecting stations, and construction and maintenance of improvised landings and temporary wharves; installation of beach and supply dump markers; establishment and maintenance of communications with forces ashore and with naval task groups; coordination of activities of ship unloading details, Navy task force elements engaged in unloading activities, and the shore party; demolition of enemy obstacles on beach; repair, construction, and maintenance of traffic routes from shore to road net; maintenance of a beach situation map; and operation of an information center for personnel coming ashore.

Must have a general knowledge of the organization, responsibilities, and functions of naval unloading elements and their relationship with shore party units. Must know the principles involved in the establishment and operation of dumps, and the engineering principles and practices involved in the construction, maintenance, and demolition activities of the shore party.

Directs, or assists in directing, the administration, training, and tactical employment of a weapons unit equipped with 37 mm antitank guns and self-propelled cannon. Supervises the supply, personnel, and security activities of the unit and the inspection, maintenance, and repair of the weapons. Directs the operations of the unit in its assigned antitank and artillery missions in support of infantry troops.

Must have a thorough knowledge of the tactical and technical operations of a unit equipped with antitank and self-propelled weapons. Must be able to identify friendly and enemy tanks and vehicles, and be familiar with the construction and tactical employment of various types of tanks. Must know the maintenance and operation of $37 \mathrm{~mm}, 75 \mathrm{~mm}$, and 105 mm weapons employed by the unit.

Directs, or assists in directing, the administration, training, and tactical employment of an infantry unit. Supervises the supply,
personnel, and security activities of the unit; makes estimates of situations on the basis of intelligence information; formulates decisions. Directs or leads rifle units in combat to seize and to defend terrain and to destroy the enemy, or leads mortar and machine gun units in the support of such operations.

Must have a thorough knowledge of infantry tactical and technical operations including the employment of machine guns, mortars, rocket launchers, flame throwers, and other infantry weapons.

Note-See also SSN 1524.

Serves as staff member with Navy tactical unit, or as Marine detachment officer aboard combat or non-combat ship. As staff officer, advises on Marine Corps and amphibious activities and performs such other duties as may be assigned. As ship detachment officer, directs, or assists in directing, the administrative and supply activities of the unit; and supervises and performs such other activities aboard ship as may be assigned, such as gunnery, guard, police, and legal duties.

Note-Normally this SSN will be carried as secondary to SSN's indicating more specific qualifications, as, for example, Infantry Officer (SSN 1542), or Field Artillery Officer (SSN 1193). For Transport Quartkrmastiar OFFICER, use SSN 4406.

1981
PILOT, VMO-AS
$s$
Operates light aircraft of a single-engine observation type for artillery spotting and aerial observation missions.

2010
CHIEF OF STAFF
1
As assistant to a commanding general, directs and coordinates the work of the executive and special staff; transmits decisions of the commanding general to staff officers for preparation of orders; insures that all instructions promulgated to the command are in accord with policies and plans of the commanding general ; sees that orders and instructions of the commanding general are executed.

Must have comprehensive knowledge of staff work, military command, and tactical employment of units. Must have outstanding administrative and executive ability.

2030
AIDE-DE-CAMP
1
Serves as personal aide to and performs duties assigned by a general officer. Accompanies the general on tours and trips, and arranges for transportation and accommodations; schedules and keeps calendar of appointments, inspections, and engagements; receives visitors; answers telephone calls. May act as the general's representative at meetings and social engagements.

Must be well informed on military matters, current events, and the etiquette or rules of conduct observed in professional or official intercourse.
[ADJ]
As a staff member, advises commanding officer on all matters concerning administrative procedures, and receives, routes, and follows up all incoming official correspondence except that pertaining to combat orders and instructions. Supervises the publication of, authenticates, and distributes all orders and instructions, except those pertaining to combat operations. Supervises office personnel and maintains files and records for the headquarters. May perform duties of Personnel Officer, S-1.

Must have a thorough knowledge of Marine Corps administration and must know staff procedure. Should be familiar with personnel classification regulations and procedures.
[ADM OFF]
Supervises the routine operation of an administrative unit or staff section of a headquarters, organization, or installation charged with the administration of matters relating to correspondence, records, administrative direction, publications, etc. Interprets regulations, determines office policy and procedures, lays out and coordinates work schedules, supervises personnel in the performance of such duties as the preparation and maintenance of records, budgets, reports, correspondence, tables of allowances, and Tables of Organization.

Must have a general knowledge of Marine Corps regulations, administrative procedures, and regulations pertaining to the classification and storage of secret, confidential, and restricted matter.

Directs the flight deck operations of an aircraft carrier. Issues take-off and landing orders and instructions. Checks and determines readiness of planes and crews. Supervises airplane handlers and fire and rescue crews.

Must be thoroughly familiar with capabilities of aircraft under various operating conditions. Must be thoroughly familiar with safety regulations, fire fighting, and rescue methods.

Directs all flight activities aboard an aircraft carrier. Prepares tactical plans, schedules flights, and assigns flight missions to

Marine Carrier Air Group. Directs the operation of the air combat information center, the issuing of take-off and landing orders and instructions, the fire and rescue activities, and the spotting and stowing of airplanes.

Must be thoroughly familiar with tactical employment, capabilities, and limitations of carrier-based planes. Must be qualified to designate type and number of planes for a mission. Must know all aircraft carrier procedures relating to operation, use, and maintenance of aircraft. Must be familiar with safety regulations, and fire fighting and rescue operations. Must be a Naval Aviator.

Directs the landing of aircraft on the flight deck of an aircraft carrier. By means of hand signal flags, indicates to pilot the position of his plane, instructs him to land, or waves him off if the approach is unsatisfactory.

Must be able to estimate speed and distance accurately. Must be a Naval Aviator.

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2158
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OPERATIONS OFFICER, SQUADRON
[OPERS OFF, SQ]
Directs the personnel in a squadron operations office. Maintains logs of planes and crews, and of assignment and availability of planes. Prepares schedules for training or tactical flights. May supervise briefing of crews prior to missions.

Must be familiar with flight regulations and methods of logging flight time of pilots, crew members, and planes. May be either a Naval Aviator or ground officer.

Directs the training or combat operations of an aircraft group or wing, or grouping of flight units of comparable size such as strike or fighter commands. Prepares, coordinates, and issues flight directions and combat orders; maintains liaison with other air and ground units.

Must have thorough understanding of organizational and tactical employment of aircraft and must be familiar with the tactics of all branches of Aviation. Must know capabilities and limitations of aircraft. Must be a Naval Aviator.

Formulates and supervises the execution of plans and policies pertaining to combat operations, training, and organization of
units. Prepares, authenticates, and distributes operation orders and operation maps; prepares estimates, reports, and recommendations for the organization and equipment of units, tactical employment of troops, priority for assignment of personnel and equipment, defense of administrative installations and lines of communications. Prepares training directives, programs, and orders; selects training sites and firing and bombing ranges; prepares and coordinates plans for and supervises the organization and conduct of unit schools.

Must have a thorough knowledge of the organization and tactical employment of the various types of units within the command. Must have outstanding executive and administrative ability.

Nots-See also SSN 2520. For officers performing as Operations and Training Officer, S-3 in regiments and smaller units, SSN's indicating appropriate tactical specialties, such as, INFANTRY Officer (SSN 1542), Field Artillery Officer (SSN 1193), or Tank Officer (SSN 1203), will be used.

2164
AIR OFFICER, GROUND, STAFF-3
$s$
[AIR OFF, GRND, STF-3]
Performs staff functions incident to the coordination of aviation support with ground operations. Prepares plans for the employment of aviation in ground operations; receives, evaluates, and determines priorities of requests from subordinate units; advises on the suitability of targets as objectives of aircraft and on the types of planes best suited for particular targets; keeps subordinate units and commanders informed of the number and types of airplanes or aviation units available for use; assists in training ground units in combined air-ground operations. May pilot aircraft assigned to unit for non-combat purposes.

Must know staff procedures, characteristics of the various types of airplanes, organization and tactics of air and ground units, and proper procedure for communicating with aircraft. Must be a Naval Aviator.

2167
OPERATIONS OFFICER, AIR FIELD
3 [OPERS OFF, FLD]

Directs air traffic and operation of facilities and services in immediate connection therewith at an air strip, air field, or air station. Checks the condition of the landing strip or runways, and of radio, signal, and lighting facilities. Supervises operation of the control tower, weather and navigation information services, clearance desk, crash and fire crews, and fueling and servicing of itinerant aircraft.

Must know capabilities and limitations of aircraft and landing strips. May be either a Naval Aviator or ground officer.

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\begin{aligned}
& \text { AIR-GROUND LIAISON OFFICER } \\
& \text { [AIR-GRND LIAISON OFF] }
\end{aligned}
$$

Advises the commanding officer of a ground unit on the employment of aviation in support of ground troops, and from a forward position on the ground, directs and controls aircraft in the execution of support missions. Advises on the suitability of targets as objectives of aircraft and on the types of planes best suited for particular targets. Keeps ground commander informed of the number and types of aircraft available for support operations. Calls for and controls aviation support activities; communicates directly with pilots to describe and locate targets. May assist in training ground forces in combined air-ground operations.

Must know the characteristics of various types of airplanes, the organization and tactics of air and ground units, and the proper procedures for communicating with aircraft.

2201

## PERSONNEL ASSIGNMENT OFFICER [PERS ASSGT OFF]

Directs or supervises the assignment of military personnel at Headquarters, Marine Corps, at Headquarters, FMF Pacific, or at other large installations. Receives requisitions for personnel and assigns troops in accordance with classification procedures. Supervises preparation of correspondence in regard to changes of station and duty assignments. Supervises the maintenance of personnel records and files.

Must have a thorough knowledge of Marine Corps organization, personnel classification, and personnel procedures.

2202

## CIVILIAN PERSONNEL OFFICER

[CIV PERS OFF]
Directs or supervises procurement, classification, assignment, and other activities relating to civilian employees. Serves as advisor to commanding officer on civilian personnel matters; assists in directing labor relations activities, including the formulation and administration of wage scales and the handling of employee grievances; administers employee efficiency rating system; assists in administration of employee safety and welfare programs; supervises civilian personnel matters concerned with appointments, payrolls, transfers, retirement, leave, claims, correspondence, and reports. May supervise administration, scoring, and interpretation of tests for civilian employees, and may organize courses of study and prepare handbooks for the vocational training of trainees, instructors, and supervisors.

Must have a thorough knowledge of approved personnel practices. Must be able to formulate and establish effective procedures and to supervise and coordinate the work of employees.

Assists in the execution of administrative matters pertaining to personnel of a command. Supervises the classification and assignment of officer and enlisted personnel. Plans classification procedures and supervises interviewing and testing activities. On the basis of assembled data, such as military and civilian experience, vocational skills, and aptitudes, selects suitable candidates for service schools, or recommends immediate assignment to suitable duties. Maintains inventories of officers and enlisted personnel according to skills. Compares numbers and types of military occupational specialties authorized for his unit with actual specialties present in the unit, and reports overages and shortages of qualified personnel. Compares primary military specialties of individuals with actual duty assignments being performed, and initiates action to correct misassignments. Supervises maintenance of Qualification Cards so that all recorded information is up-to-date and correctly coded. Supervises reclassification, retesting, and reinterviewing of individuals.

Must have a thorough knowledge of Marine Corps personnel administration and classification techniques and regulations. Must be thoroughly familiar with military occupations and requirements and with Marine Corps organization.

2235

## REHABILITATION OFFICER [REHAB OFF]

Directs activities incident to interviewing, advising, and assisting personnel being separated from the service, in regard to such matters as: Government and private insurance; hospital care, medical attention, and disability pensions; legal protection and income tax problems; claims for back pay; review of discharge or retirement; benefits for dependents; reemployment rights, obtaining a new job, and civil service opportunities; apprentice, vocational, high school, and college training; loans for homes, farms, and business. Maintains liaison with employment, educational, and welfare agencies. Provides follow-up advisory services for individuals with problems arising after separation.

Must be thoroughly familiar with educational and vocational guidance tools and techniques, with civilian job requirements, and with regulations and laws pertaining to discharge and release from active duty of military personnel. Must be familiar with Marine Corps classification regulations and procedures and with local, state, and federal facilities engaged in providing guidance, training, and employment opportunities. Should have a broad understanding of the problems of the handicapped and disabled.

Formulates policies and supervises the execution of administrative matters pertaining to personnel of a command, civilians under control or supervision of a command, and prisoners of war. Plans for and supervises procurement, classification, reclassification, assignment, pay, promotion, demotion, transfer, retirement, discharge, and replacement of personnel. Formulates policies and supervises their execution on matters pertaining to decorations, awards, leaves of absence, and furloughs. Plans for and supervises activities concerning religious, recreational, and welfare work. Directs the unit postal service. Supervises collection and disposition of stragglers and prisoners of war. Formulates plans for maintenance of law and order within the command and for graves registration service. Supervises preparation of strength reports, casualty reports, and other personnel statistics. Advises commanding officer on all personnel matters and coordinates personnel activities with the activities of other staff sections.

Must have thorough knowledge of Marine Corps organization, administration, and personnel classification. Must be thoroughly familiar with personnel accounting report methods and with staff procedure.

Note-For officers performing the duties of Personnel Officer, S-1 in regiments and smaller units see Adjutant (SSN 2110).

Performs any of the various duties involved in the procurement of military personnel for the Marine Corps, such as interviewing and evaluating qualifications of applicants for commissions, directing recruiting and induction procedures, or performing liaison duties with Selective Service agencies.

Must be thoroughly familiar with policies and regulations gcverning commissions for civilians and enlisted personnel, and with personnel administration, occupational classification techniques, military and civilian job requirements, and Marine Corps organization.

Directs the operations of a machine records unit using the punch card method of reporting, recording, and tabulating data. Supervises operation, maintenance, and repair of such machines as key punch, sorter, reproducer, collator, interpreter, and tabulator;
plans details of coordinating and controlling the furnishing of records and data from other organizations with the work of the machine records unit.

Must have thorough knowledge of the operation and capabilities and limitations of automatic punch card machines. Should be familiar with business methods, machine accounting, and statistics.

2421
HISTORICAL OFFICER
[HIST OFF]
Collects, classifies, summarizes, and edits historical material relating to the activities of a division, wing, or larger unit, and prepares or assists in the preparation of periodic reports or of narrative accounts of administrative, technical, and professional activities.

Must be familiar with methods of obtaining information and evaluating its historical value. Must be adept at narrative writing.

2430
GRaves registration officer [GRAVES REGR OFF]
Plans and directs the training and employment of a graves registration unit and advises commander on burial activities. Supervises activities incident to: Transporting the dead from collecting points to cemeteries; identifying bodies; fingerprinting and preparing dental charts, when necessary; collecting, recording, and disposing of personal effects; wrapping and otherwise preparing bodies for burial; interring remains; marking graves; selecting sites for and laying out cemeteries; procuring required supplies, such as rubber gloves, grave markers, tools, office forms and equipment; arranging for use of trucks, bulldozers, small boats, amphibian tractors, graders, and rollers needed to transport bodies and to build cemeteries; preparing maps of grave locations and rosters of the dead by cemetery, plot, row, and grave number.

Must be thoroughly familiar with the regulations pertaining to identification and burial of bodies and to the disposition of personal effects. Must know the procedures for selecting sites for and laying out cemeteries.

Performs staff functions pertaining to the training of personnel at Headquarters, Marine Corps, training centers, or other installations. Plans and formulates policies pertaining to training activities; analyzes training programs, and prepares training schedules; determines needs and arranges for training facilities, equipmont,
manuals, and materials; issues instructions regarding administration of school programs and teaching of subject matter; inspects schools to determine effectiveness of instruction.

Must be familiar with Marine Corps organization, with the tactical functioning of various types of units, and with methods of preparing syllabi and training programs.

2543
PILOT, BASIC
3
Operates aircraft of a single-engine trainer type.

2547
INSTRUMENT FLIGHT INSTRUCTOR
3 [INSTRUMENT FLT INSTR]
Instructs cadets and other pilots, in actual flight, to fly airplanes by instruments.

Must be a Naval Aviator qualified for flight duty, with experience in handling aircraft by instruments under conditions of visibility necessitating blind flying. Must be familiar with radio directional finding.

Note-For instruction by means of synthetic devices only, use SSN 2548.

2548

SPECIAL DEVICES OFFICER [SPL DEVICES OFF]

Directs the operation, maintenance, repair, storage, and requisitioning of synthetic devices used to train personnel on the ground in such subjects as navigation, gunnery, recognition, landfall, bombing, torpedoing, flying, and aircraft maintenance. Trains personnel in the operation and maintenance of special devices.

Must have attended the Special Devices Officer course of instruction in the Bureau of Aeronautics to obtain familiarity with the development, operation, and maintenance of all types of synthetic devices and mock-ups used in ground training of personnel in aviation subjects. Must be qualified in subject being taught by means of special devices.

2721
RECOGNITION OFFICER
[RECOG OFF]
Gives instruction in the ready recognition of friendly and enemy aircraft. Lectures on methods and techniques of aircraft identification and employs such visual aids as motion pictures, film strips, slides, charts, and models. May give instruction in the recognition of ships and weapons.

Must be familiar with the various types of visual aids available for teaching recognition and with the methods prescribed for their use.

Directs or assists in the management of a post or station or of an activity that is organized for administrative purposes and not to serve as a single unit in combat, such as, a headquarters unit, a casual unit, a guard detachment, or a Marine Corps Women's Reserve unit. Handles such matters as personnel management, supply, evacuation, sanitation, quartering, maintenance, security, recreation, law and order.

Must have a general knowledge of Marine Corps regulations, organization, and administration.

Notz-Officers performing these duties in headquarters units of tactical organizations such as infantry battalions, artillery regiments, etc. will be given more appropriate SSN's and titles, as for example, Infantry Officer (SSN 1542), Fibld Artillery Officer (SSN 1193), Military Police OfFICER (SSN 9110), etc., if so qualified.

Directs or supervises the diagnosis, treatment, and care of sick and wounded animals. Performs surgical operations; classifies animal casualties as salvageable or unsalvageable, destroying the latter in accordance with prescribed methods; prepares records and reports, and requisitions veterinary supplies and equipment. May conduct training courses in animal hygiene. May inspect food for animals. May inspect kennels or stables.

Must be a qualified veterinarian.
[QM OFF-QDO]

Performs staff and supervisory duties incident to: Procurement, receipt, inspection, storage, maintenance, repair, and salvage of supplies and equipment; procurement and utilization of services; disbursement and collection of funds; transportation of personnel, supplies and equipment; and maintenance of records and accounts for supplies, equipment, funds, and services.

Must have a thorough knowledge of all phases of Quartermaster Department functions. Must know staff procedures.

Note-This MOS will be used only for those officers designated "Quartermaster Duty Only" (QDO) by Headquarters, Marine Corps. See also SSN 4930.

This SSN is a temporary designation for an officer who has had general training in organization, procedures, forms, and administrative practices of the entire Quartermaster Department, but who is not as yet qualified in one of the more specific military specialties described elsewhere in this manual, as, for example, Quartermaster Officer (SSN 4930), Warehouse Officer (SSN 4710), Supply Status Officer (SSN 4416), Commissary Officer (SSN 4222), etc. Officers with this SSN should be closely observed and should be reclassified to a more appropriate SSN as they develop skill and become competent in a more specific specialty. This SSN will not be assigned to officers in the field. It will not appear in Tables of Organization, and it will not be used to requisition personnel unless an explanation of the duties to which the officer is to be assigned accompanies the request.

Supervises personnel engaged in making physical inventories of supplies and equipment. Submits reports of findings and recommends changes in the layout, practices, and procedures of warehouses to facilitate inventory activities. As the supervisor of a mobile inventory crew, performs the additional functions of checking and recommending changes in stock control systems, and of checking warehouse, inventory, and stock control procedures for compliance with the Quartermaster Department manuals of procedures for such activities.

Must be thoroughly familiar with stock classification and with the contents of the Quartermaster Department manuals of procedures for inventorying, stock control, stock status reporting, and warehousing activities. Must know inventory practices and procedures.

Directs or assists in the performance of duties incident to: Procurement, receipt, inspection, storage, maintenance, distribution, and salvage of both aviation and other types of supplies and equipment; procurement and utilization of services; disbursement and collection of funds; transportation of personnel, supplies, and equipment; maintenance of records and accounts for supplies, and equipment. May disburse and collect funds.

Must have knowledge of Marine Corps supply methods and procedures. Must also have a knowledge of Navy supply methods and procedures, especially as related to aviation supplies.

Note-See also SSN 4000.

As a staff member, formulates and supervises the execution of policies pertaining to: Procurement, storage, distribution and salvage of supplies and equipment; evacuation; transportation; construction and maintenance of utilities, roads, docks, airfields, shelter, and other facilities exclusive of fortifications; control of supply, shore party, and labor troops not employed as combat troops; collection and distribution of captured supplies and equipment. Advises the commander on the logistic support that can be given to any proposed strategical or tactical lines of action.

Must be familiar with supply and staff procedures, organization of the supply system, organization and tactical employment of Marine Corps units, and logistic problems.

Note-See also SSN 4011.

4011

As a staff member in an Aviation unit, formulates and supervises the execution of policies pertaining to: Procurement, storage, distribution, and salvage of supplies and equipment; evacuation; transportation; construction and maintenance of utilities, roads, docks, airfields, shelters, and other facilities. Advises the commanding officer on the logistic support that can be given to any proposed tactical action, and on other supply matters.

Must be familiar with supply and staff procedures, organization of the Aviation supply system, organization and tactical employment of Marine Corps units, and logistical problems.

Supervises the procurement of food, planning of menus, and operation of messing facilities. Plans menus within ration allowances and supervises the preparation and serving of food in accordance with established dietetic and sanitary principles. Trains personnel in proper care, storage, conservation, preparation, and serving of food. Supervises maintenance and care of messing equipment.
(Continued on next page)

Must be familiar with quality standards and with the storage of subsistence items including perishables. Must have sufficient knowledge of dietetics to plan nutritious and balanced meals.

BAKERY OFFICER
7
[BAKERY OFF]
Directs the operation of a bakery at a post, camp, station, or field installation. Supervises the care, maintenance, and repair of equipment and the acquisition of and accounting for bakery supplies. Supervises operations to insure proper quality and desired amount of product.

Must have a general knowledge of practical baking, including the mixing of doughs and sponges, dough punching, molding, rounding, proving, and oven control, and the use of ferments and other ingredients.

4200

> DISBURSING OFFICER [DISBURS OFF]

16

Makes expenditures for supplies, equipment, services, hired labor, damages or claims, transportation, and rents. Collects monies due the Marine Corps. Checks and verifies vouchers, makes cash or check payments on all approved vouchers, and advises on the legality of using government funds to pay for various items and services. Maintains fiscal records for payments made and for balances in all funds.

Must be thoroughly familiar with Marine Corps, Navy, and General Accounting Office regulations pertaining to disbursing of government funds.

4210

## POST EXCHANGE OFFICER

 [PE OFF]Directs the operations of a post exchange. Performs or supervises the merchandising functions of procuring, storing, establishing prices for, and selling merchandise; keeps property and financial records, makes inventories, posts fiscal and property data, computes overages and shortages in property and funds; interprets regulations, makes reports, and handles correspondence pertaining to post exchange activities; distributes gratuitous issues of merchandise; and directs the training and employment of personnel working in a post exchange.

Must be thoroughly familiar with double entry bookkeeping, stock accounting, sales accountability, buying practices, and Marine Corps regulations pertaining to the operation of post exchanges and the disposition of funds and property.

Supervises or assists in the purchasing, requisitioning, storage, and issuance or sale of food supplies. Approves requisitions from units; makes inventories and maintains an accounting system; verifies sales reports and reports of funds; advises on matters relating to the procurement and distribution of food supplies. May direct the operations of a sales commissary and perform such merchandising functions as establishing selling prices and displaying and selling foodstuffs.

Must have thorough knowledge of Quartermaster Department forms, regulations, and procedures pertaining to subsistence. Must have a general knowledge of accounting methods, quality standards, market prices, sources of supply, marketing practices, and retail merchandising of foodstuffs including perishable commodities.

4310

> PURCHASING AND CONTRACTING OFFICER [PURCH \& CONTR OFF] 16

Directs or supervises the purchasing of and contracting for supplies, equipment, and services. Supervises the preparation of invitations for bids, the awarding of contracts, and the preparation of contracts in accordance with regulations. Prepares correspondence incident to purchasing and contracting. May investigate reliability of manufacturers and distributors and their ability to fulfill contracts.

Must have a thorough knowledge of methods of purchasing and contracting, contract laws, and the preparation of contracts and purchase orders. Must be thoroughly familiar with Marine Corps regulations covering procurement activities.

Directs the operations of a printing or publishing unit engaged in reproducing manuals, forms, circulars, and other materials, by means of printing presses. May, in addition, supervise operations involving the use of photostat, mimeograph, and similar duplicating machines.

Must be familiar with modern methods of printing and duplicating material in large quantities and with the operation and maintenance of printing equipment.

Directs the administration, training, operations, or employment of a dog training or combat dog unit. Supervises the supply, per-
sonnel, and security activities of the unit. Supervises the instruction of officers and enlisted personnel in the handling, care, and use of trained dogs under various conditions, or supervises the activities of personnel and dogs in combat missions.

Must be familiar with modern methods of training and care of dogs, as well as the tactical employment of dogs under combat conditions.

Directs or supervises activities incident to the purchasing, requisitioning, receiving, storing, or issuing of signal supplies. Supervises the handling of incoming shipments, the maintenance of stock records, the inventorying of supplies, the processing of requisitions including the packing and marking of shipments, and the execution of procurement procedure. May direct the signal section of a supply depot or the signal section of the Quartermaster Department at Headquarters, Marine Corps.

Must have a thorough knowledge of Quartermaster Department forms and procedures incident to signal supply functions. Must have a general knowledge of signal equipment and nomenclature and of storing and packing methods to preserve and protect delicate instruments and equipment.

Note-This SSN will be secondary to SSN's indicating more specific types of communication duty, as for example, Communication Officer (SSN 0200), Message Center Officer (SSN 0220), Radar Officer, Ground Equipment (SSN 0115), etc.

Plans and supervises the loading and unloading of personnel, equipment, and supplies for amphibious operations, or performs staff functions pertaining to such activities. Maintains files and records of the characteristics of transports and cargo ships used for amphibious operations; advises on the assignment of troops to ships; prepares detailed loading plans in accordance with priorities for unloading; prior to loading, delivers stowage plans to proper authorities for approval ; maintains liaison with port authorities on matters regarding warehouses and dock facilities and the berthing of ships; plans and directs movement of troops, equipment, and supplies to and from docks; directs employment of dock and hatch crews in loading, securing, and unloading of cargo. When assigned as ship's personnel, performs liaison duties between troop loading officers and ship's officers, and provides technical assistance in the preparation of plans and in loading and unloading operations.

Must have a thorough knowledge of the execution and use of such forms as Unit Personnel and Tonnage Table, Cargo Manifest, Debarkation Priority List, Supply Loading Analysis, Loading Summary, Stowage Plan, and Profile Loading Plan. Must know the practices of military stevedoring and transport loading, the classification of supplies, and water transportation, stevedoring, and stowage terminology. Must be familiar with nautical terms and phrases, naval customs, naval ship organization, types of naval vessels and landing craft, and functioning of shore party.

Note-This specialty as a full time job exists only in divisions, corps, aboard certain ships, and on Navy squadron, group, or higher staffs. In lower echelons such as battalions and regiments, this specialty is additional duty, and only part of the duties in the above description are performed.

Directs or supervises the maintenance of records covering the status of supplies and equipment. Receives reports and inventory records, and consolidates information. Prepares reports and keeps commanding officer advised on the status of supplies.

Must have a thorough knowledge of supplies and equipment classification and of Marine Corps methods and procedures involved in stock accounting.

Directs or supervises activities incident to the purchasing, requisitioning, receipt, storage and distribution of all property other than that under the cognizance of engineer, signal, ordnance, motor transport, fuel, photographic, and commissary sections. Supervises handling of incoming shipments, maintenance of stock records, inventorying of supplies, processing of requisitions, and the execution of procurement procedures. May direct the general property section of a supply depot or the general property section of the Quartermaster Department at Headquarters, Marine Corps.

Must have a thorough knowledge of Quartermaster Department forms and procedures incident to general property supply functions. Must have a general knowledge of storing and packing methods for preserving and protecting supplies and equipment.

Directs or supervises activities incident to the purchasing, requisitioning, receipt, storage, and issuance of automotive vehicles, accessories, parts, and equipment. Supervises handling of incoming shipments, maintenance of stock records, inventorying of supplies, processing of requisitions, and the execution of procurement procedures. May direct the motor transport section of a supply depot or the motor transport section in the Quartermaster Department at Headquarters, Marine Corps.

Must have a thorough knowledge of Quartermaster Department forms and procedures incident to automotive supply functions. Must have a general knowledge of motor transport equipment and nomenclature and of storing and packing methods to preserve and to protect supplies and equipment.

Note-This SSN will be secondary to SSN's indicating more specific types of motor transport duty, as, for example, Motor Transport Offickr (SSN 0600) and Motor Transport Maintenance Officisr (SSN 4805).

Directs or supervises activities incident to the purchasing, requisitioning, receipt, storage, and issuance of engineer supplies, parts, and equipment. Supervises handling of incoming shipments, maintenance of stock records, inventorying of supplies, processing of requisitions, and the execution of procurement procedure. May direct the engineer section of a supply depot or the engineer section of the Quartermaster Department at Headquarters, Marine Corps.

Must have a thorough knowledge of Quartermaster Department forms and procedures incident to engineer supply functions. Must have a general knowledge of engineer equipment and nomenclature, and of storing and packing methods for preserving and protecting supplies and equipment.

Note-This SSN will be secondary to SSN's indicating more specific types of engineer duty, as, for example, Engineer Officer (SSN 1331) and Engineer Equipment Maintenance Officer (SSN 4880).

Supervises the storage and issuance of spare parts and accessories for engineer equipment. Maintains stock records, makes inventories of supplies on hand, fills requisitions, and prepares reports on material needed to maintain adequate stock levels.

Must have a thorough knowledge of standard nomenclature and identification of engineer spare parts and accessories, storing and
packing methods for preserving and protecting supplies in all types of climates, and proper use of catalogues of engineer supplies and equipment.

Note-This SSN will be secondary to SSN's indicating more specific types of engineer duty, as, for example, Engineer Officer (SSN 1331) and Engineer Equipment Maintenance Officer (SSN 4880).

Directs or supervises activities incident to the procurement, receipt, storage, and issue of photographic and related supplies and equipment, including cameras, sensitized materials, photographic chemicals, motion picture projectors, and lithographic supplies and equipment.

Must be thoroughly familiar with nomenclature, appearance, and interchangeability of photographic supplies, equipment, and parts of equipment. Must know the perishability and deterioration properties of sensitized materials. Must be able to inspect and test photographic supplies and equipment. Should be familiar with warehousing procedures and with regulations governing accountability and responsibility for government property.

4510 MUNITIONS OFFICER [MUN OFF]
Supervises the receipt, storage, and distribution of munitions. Selects sites for and lays out ammunition storage areas; maintains stock records; supervises the handling, loading, unloading, and maintenance of ammunition. Instructs personnel in safety measures, identification and maintenance of munitions, and theory of explosives.

Must know the fundamental principles of handling and transporting munitions. Must be familiar with the methods for inside and outside storage of ammunition. Must know ammunition identification code and the correct procedures for its use. Must know interstate commerce regulations relative to shipping of munitions and Navy regulations relative to stowage of ammunition aboard ships.

Directs or supervises activities incident to the procurement, receipt, storage, or issue of ordnance supplies. Supervises handling of incoming shipments, maintenance of stock records, inventorying of supplies, processing of requisitions including the packing and marking of shipments, and the execution of procurement procedures. May direct the ordnance section of a supply depot or the
ordnance section of the Quartermaster Department at Headquarters, Marine Corps.

Must have a thorough knowledge of Quartermaster Department forms and procedures incident to ordnance supply functions. Must have a general knowledge of ordnance equipment and nomenclature, and of storing and packing methods for preserving and protecting supplies and equipment.

Note-This SSN will be secondary to SSN's indicating more specific ordnance duty, as for example, Ordnance Officer (SSN 4801), Fire Control Instrument Repair Officer (SSN 4806), Weapons Maintenance and Repair Officer (SSN 4808), etc.

## AVIATION ORDNANCE OFFICER <br> [AVN ORD OFF]

Directs the ordnance activities of an aviation unit, and gives technical advice on problems pertaining to aviation ordnance equipment and supplies. Supervises the inspection, storage, maintenance, assembly, disassembly, repair and installation of aircraft armament and munitions, including fire bombs and rockets.

Must have a knowledge of the theory, principles of construction, functioning, and repair of all aviation ordnance material such as machine guns, aerial cannon, bomb release mechanisms, flare and rocket racks. Must have a knowledge of munitions, such as bombs, pyrotechnics, rockets, torpedoes, aerial mines, aerial cannon shells, and small arms ammunition. Must be familiar with airplane turret operation and maintenance and with machine shop procedures.

Note-After the SSN enter one of the code letters listed below, and after the title, in parenthesis, include the word Rocket if the officer is so qualified.

A-Not trained in rockets.
$\mathbf{R}$-Trained in rockets.
4600
SALVAGE OFFICER
16
[SAL OFF]
Directs the collecting or receiving, sorting, packing, and distribution or disposal of waste material, abandoned property, or unserviceable supplies and equipment. Examines materials and decides whether they are repairable or disposable as waste; distributes reclaimable material to repair units or to supply centers for issue. May advertise and solicit bids for sale of waste material and unserviceable property.

Must have a general knowledge of military supplies and equipment, capabilities of maintenance units in various echelons, and commercial methods of classification, sorting, and reclamation of waste materials.

Note-This SSN will be secondary to SSN's indicating more specific qualifications, as, for example, Ordnance Officer (SSN 4801), Tank Maintenance Officer (SSN 4803), and Motor Transport Mantenance Officer (SSN 4805).

Directs the activities of a machine shop engaged in making metal articles, parts, and tools from metal castings, forgings, and stock. Supervises personnel engaged in interpreting blueprint designs or specifications, in checking dimensions with micrometers, calipers, gauges, and rules, and in operating metal-working machines such as lathes, milling machines, planers, power hack saws, shapers, boring mills, and drill presses. Determines priority and type of incoming jobs and assigns work to appropriate enlisted personnel. Maintains adequate supply of materials, tools, and equipment and supervises the keeping of records and the preparation of reports.
Must have a thorough knowledge of machine shop practices and of design and layout methods used in machine shops. Must know methods of working a variety of metals such as steel, wrought iron, cast iron, brass, and aluminum, and must be able to supervise the work of machinists, welders, and toolmakers.

4616 PAINT SHOP OFFICER [PAINT SHOP OFF]
Directs the activities of a paint shop engaged in the painting and rustproofing of vehicles, airplanes, and other equipment. Supervises personnel engaged in removing old paint and varnish from surfaces, matching and mixing paint and varnish, and painting with spray equipment or brush. Determines priority and type of incoming painting jobs and assigns work to appropriate enlisted personnel; maintains adequate supply of materials, tools, and equipment; and supervises the keeping of records and the preparation of reports. In Aviation may supervise the fabric and dope work incident to the resurfacing of fabric airplane parts.

Must be thoroughly familiar with types of paints, lacquers, and varnishes, with methods of matching and mixing paints, and with methods of application.

## SHEET METAL SHOP OFFICER

 [SHEET METAL SHOP OFF]Directs the activities of a metal shop engaged in the construction, repair, welding, riveting, and assembling of sheet metal articles, or of sheet metal parts for vehicles, aircraft, or other equipment. Supervises and instructs personnel engaged in interpreting blueprint designs or specifications, and in cutting, bending, and assembling of sheet metal and plates; determines priority and type of fabrication and repair jobs and assigns work to appropriate enlisted specialists ; maintains adequate supply of materials, tocls, and equipment; and supervises the keeping of records and the preparation of reports.
(Continued on next page)

Must have a thorough knowledge of design and layout methods used in sheet metal work, and must be able to duplicate and install sheet metal replacement parts. Must be able to supervise work of sheet metal workers, pattern cutters, tinsmiths, benders, shearmen, and sheet metal fabricating machine operators.

Directs the activities of a carpenter shop in which wood, or material such as fiberboard that is treated and used the same as wood, is cut, shaped, finished, and fastened together in the construction or repair of articles. Supervises personnel performing hand carpentry, or operating woodworking machines, such as circular saw, band saw, planer, jointer, and mortiser. Determines procedures and priority of work, and assigns jobs to individuals.

Must have a knowledge of design and layout methods used in carpentry and cabinet making. Must know characteristics of various kinds of woods, operation of woodworking machines, and shop procedures.

Supervises the receipt, storage, and shipping of supplies and equipment at a supply installation. Prepares floor plan and locator system of storage facilities; controls the assignment of space and directs the storage of supplies; supervises packing and crating of supplies and expedites incoming and outgoing shipments; directs the taking of inventories and determines quantities to be requisitioned to maintain stock levels; inspects storehouses to insure proper storage and maintenance of materials; maintains files and records incident to operation of warehouse.

Must have a thorough knowledge of warehousing methods and a working knowledge of the nomenclature of military supplies.

## ORDNANCE OFFICER

Performs staff functions or supervisory duties relative to the procurement, inspection, storage, maintenance, repair, salvage, and distribution of ordnance materiel and supplies, including munitions, tanks, and amphibian tractors.

Must have a general knowledge of: Theory, principles of construction, functioning, repair, and tactical employment of all ordnance materiel such as small arms, artillery, fire control equipment and instruments, and munitions; methods of storing and packing equipment and supplies for preservation and protection against varied climatic elements; methods of disposing of unused or un-
exploded munitions; salvage procedures; organization of Marine Corps ordnance service; limitations of maintenance facilities in the various echelons of the Marine Corps; policy and procedure for procurement of supplies and equipment.

Note-For comparable duties in Aviation see SSN 4532.

Directs the operation of a tank repair shop engaged in the inspection, maintenance, repair, and overhaul of tanks. Examines incoming work to determine the amount and nature of repair, and assigns personnel to jobs. May direct the maintenance of other vehicles in a tank unit.

Must have a thorough knowledge of the maintenance and repair of tanks, including power trains, suspension and electrical systems. Must know shop procedures and the operation and maintenance of shop equipment.

4805
MOTOR TRANSPORT MAINTENANCE OFFICER
10 [MT MAINT OFF]
Directs the operation of an automotive repair shop engaged in the inspection, maintenance, repair, and overhaul of automotive equipment, such as passenger cars, trucks, half tracks, motorcycles, and automotive engines used to supply power in other types of equipment. Examines incoming equipment to determine amount and nature of repair, determines priority of jobs, and assigns personnel to work; supervises inspection of completed repair jobs.

Must have a thorough knowledge of automotive shop procedures and the maintenance and repair of automotive equipment. Must have a general knowledge of the operation and maintenance of shop equipment such as lathes, drill presses, grinders, gauges, and hand or bench tools.

Note-See also SSN 0600.

Supervises the maintenance, repair, and inspection of fire control and optical instruments. Examines equipment to determine exact nature of repairs required; supervises personnel engaged in the disassembly, cleaning, adjustment, and repair of equipment; estimates requirements of repair facilities and directs the maintenance of adequate stocks of spare parts and supplies. May instruct personnel in operation, theory, adjustment, disassembly, assembly, and repair of fire control and optical instruments.

Must be thoroughly familiar with theory, operation, disassembly, and adjustment of fire control instruments. Must have a general knowledge of theory of optics and electrical control devices.

Supervises the inspection, maintenance, and repair of small arms materiel and of field and antiaircraft artillery. Examines equipment to determine nature of repairs required; supervises personnel engaged in the disassembly, adjustment, and repair of artillery and small arms; estimates requirements of repair facilities and directs the maintenance of adequate stocks of spare parts and supplies. May instruct personnel in the adjustment, disassembly, assembly, and repair of small arms and artillery weapons.

Must be thoroughly familiar with the theory, operation, disassembly, adjustment, and repair of all small arms and artillery weapons.
[PARA OFF]
Directs the storage, inspection, testing, packing, issue, and maintenance of parachute canopies, packs, and harness assemblies. May perform similar functions for life jackets, life rafts, and similar equipment.

Must have a thorough knowledge of parachute construction and of all parachute repair operations.

Directs the aircraft engineering activities of a service squadron, auxiliary air facility, or two or more of the shops in an Assembly and Repair Shop. Supervises the work of technicians who repair fuselages, wings, and aircraft engines, and who repair or replace damaged landing gear, instruments, starters, generators, carburetors and propellers.

Must be familiar with Assembly and Repair Shop procedures and with the various types of aircraft and aircraft accessories. Must have general knowledge of methods employed in the repair of aircraft and aircraft accessories.

Note-See SSN 4828 for engineering duties in squadrons other than service squadrons.

Directs all activities of a permanent aircraft assembly and repair shop at an air station, including all phases of the maintenance, repair, and overhaul of airplanes. Supervises Aircraft Engineering Officers (SSN 4823) and various shop officers, such as Sheet Metal Shop Officer (SSN 4617), Aviation Instrument Shop

Officer (SSN 4894), Machine Shop Officer (SSN 4615), Paint Shop Officer (SSN 4616), and Carpenter Shop Officer (SSN 4618).

Must be a Naval Aviator.
Note-Aircraft Engineering Officer (SSN 4823) will be used for offcers who are in charge of small Assembly and Repair Shops or whose duties consist of only part of the duties described above for SSN 4827.

4828* AIRCRAFT MAINTENANCE OFFICER (Designated Type)
Directs the activities of the maintenance engineering section of an aircraft squadron. Supervises the work of technicians who make regular aircraft and engine checks, ignition and electrical adjustments, control adjustments, instrument checks, fabric and metal repairs. May direct engine changes and consignment of aircraft to higher echelon repair.

Must be familiar with the duties of aircraft repair specialists and should have a general knowledge of the types of aircraft, construction features, and performance standards. Must be able to estimate extent of damages and feasibility of repair.

Note-See SSN 4823 for engineering duties in a service squadron.
After the SSN enter one or more of the code letters listed below, and in the parenthesis after the job title enter the particular airplanes which the Marine is qualified to repair and maintain. In order to be designated by a particular code letter an Aircraft Maintenance Officer need not be qualified on all of the airplanes listed for that code letter; training or experience on any one airplane in a code letter group entitles him to the code letter designation.

A-Basic. General training, no experience on specific planes. To be deleted entirely upon acquisition of one of the following code letters.
B-F6F-3, F6F-5, F6F-6, F40-1, F4O-1D, F4U-4, FG-1, F3A-1.
D-F4F-1, F4F-3, F4F-4.
E-SBD-3, SBD-4, SBD-5, SBD-6, J2F-4.
F-SB2C-1, SB2C-1A, SB2C-2, SB2C-3, SB2C-4, SB2C-5, SBW-1, SBW-3.
G-SNJ-1, SNJ-2, SNJ-3, SNJ-4, SNJ-5.
H-SNB-1, SNB-2, GB-2, JRB-2, JRC-1, GH-2, GH-3, JRF-4, JRF-5.
J-PBJ-1C, PBJ-1D, PBJ-1G, PBJ-1H, PBJ-1J.
K-PB4Y.
L-R5C-1, JM-1, PV-2.
M-R4D-1, R4D-3, R4D-4, R5O-2, R5O-3.
N-R4D-2, R4D-5, R5O-1, R5O-4, R50-5, R5O-6.
P—TBF-1, TBF-1C, TBM-1, TBM-1C, TBM-3.
R-F7F-1, F7F-2.
T-OY-1.

Directs the operation of a mobile or fixed laundry in which clothing is sterilized and washed. Supervises mixing of washing formulas, clothing sterilization, operation and maintenance of laundry
machinery, receipt and disposition of clothing, and maintenance of appropriate records. May supervise dry cleaning operations.

Must be thoroughly familiar with the management of a laundry including maintenance and repair of equipment, and with the capabilities and limitations of the unit.

Directs, or assists in the direction of, a fumigation and bath unit. Instructs and supervises personnel in the operation and maintenance of fumigation chambers, shower heads, water heating units, and accessory equipment used to disinfect clothing, equipment, and personnel.

Must be thoroughly familiar with the operation and maintenance of various types of fumigation and bath equipment. Must be familiar with the proper use of chemicals used in the fumigation of clothing.

Directs the activities of an aircraft engine overhaul shop. Supervises the work of technicians engaged in overhauling and rebuilding aircraft engines and in performing duties such as replacing or reboring cylinders, replacing and reseating valves and valve inserts, fitting connecting rods and wrist pins, reseating and adjusting bearings, refacing blocks or cylinder heads, and testing engines.

Must be thoroughly familiar with aircraft engine principles and construction. Must be thoroughly familiar with specifications and tolerances of different engine parts. Must be familiar with related machine shop practices.

Directs activities incident to the installation and repair of airplane propellers and propeller pitch mechanisms. Supervises the work of technicians who straighten, smooth, and balance propeller blades, and who repair and rebuild both hydraulic and electric propeller pitch mechanisms.

Must be thoroughly familiar with the various types of propellers, with the installation of propellers and propeller pitch mechanisms, with the principles and procedures of propeller balancing, and with the methods of handling propellers and propeller mechanisms.

Directs the activities of an aircraft accessory shop engaged in the repairing, overhauling and testing of one or more accessories such as carburetors, superchargers, generators, starters and electric and hydraulic equipment. Supervises the work of technicians who tear down, repair, rebuild, and test the various accessories.

Must be thoroughly familiar with the relation of the accessories to the aircraft, methods of removing and installing accessories, and the accepted standards of performance of the various accessories.

4880
ENGINEER EQUIPMENT MAINTENANCE OFFICER
6
[ENGR EQUIP MAINT OFF]
Directs the maintenance, repair, and inspection of engineer equipment. Checks incoming repair work to determine amount and exact nature of repair; determines priority of jobs, prepares work schedules, and assigns personnel to jobs. Makes recommendations for disposal of obsolete and irreparable equipment. Keeps records and prepares reports.

Must have a thorough knowledge of mechanical principles involved in maintenance and repair of engineer equipment, including tractors, road-rollers, carryalls, power shovels, and cranes.

Directs the maintenance, repair, overhaul, replacement, and calibration of various types of airplane instruments, meters, gauges, clocks, and watches. May supervise the maintenance and repair of airplane electrical systems.

Must be familiar with electrical and mechanical principles of instrument construction and operation.

Advises the commanding officer or supply officer on matters regarding the requisition, storage, maintenance, and issue of airplane technical supplies and equipment. Maintains a complete file of technical notes, orders, catalogues, and allowance lists; checks all requests for correctness of nomenclature, specifications, and stock numbers.

Must be familiar with supply procedures and must know airplane parts, assemblies, and equipment. Must be familiar with parts classification and with parts catalogues.

Directs or assists in the operation and maintenance of ground ranges, including moving target and skeet ranges, used for prac-tice- and record-firing of weapons. Supervises and assigns enlisted personnel such as coaches, armorers, and corpsmen; designates danger zones and posts range guards; arranges for material and labor to put range in proper condition for use; directs procurement, storage, and distribution of ammunition; directs and supervises repairs to shelters, butts, targets, firing points, and telephone lines; provides for safety of personnel at firing line and in the pit; directs coordination of firing line and pit operations, and sees that pit details are provided with flags, marking disks, paste, and spotters; enforces regulations and safety precautions pertaining to all weapons fired; is responsible for correctness of record-firing scores submitted to Headquarters, Marine Corps.

Must be thoroughly familiar with and capable of instructing personnel in the operation and care of all types of arms used on the range, and with the maintenance of all range equipment.

Supervises the requisitioning, receipt, storage, issuing, distribution, and stock control of supplies and equipment, the maintenance of records, the preparation of invoices, reports, and shipping documents, and the proper storage and safeguarding of supplies and equipment.

Must have a general knowledge of all Quartermaster Department forms and procedures.

Note-This SSN will be secondary to SSN's indicating tactical specialties in which the officer has had experience, e.g., Infantry OFFicer (SSN 1542), Tank Officer (SSN 1203), Communication Officer (SSN 0200). See also SSN 4000.

Directs activities incident to the maintenance of forests, such as investigations in the control of tree diseases, prevention of forest fires, and planting and transplanting of trees. Formulates and executes policies pertaining to the cutting of trees and to the use of forest areas for training and recreational purposes.

Must have a thorough knowledge of forestry practices including all activities relative to reforestation, marking of trees for cutting, and preventing and fighting forest fires.

Directs or supervises activities incident to the purchasing, requisitioning, receipt, storage, testing, and distribution of coal, gasoline, oil, kerosene, lubricating oil, and grease. Supervises the handling of incoming shipments, the maintenance of stock records, the inventorying of supplies, the processing of requisitions, and the execution of procurement procedures.

Must have a thorough knowledge of Quartermaster Department forms and procedures incident to fuel supply functions. Must have a general knowledge of types and grades of fuel and of storing and packing methods.

Directs the distribution of publications. Reviews and approves requisitions for available publications; prepares correspondence and supervises the maintenance of records pertaining to distribution. May estimate quantities of material to be reproduced. May arrange for security of classified material.

Must be thoroughly familiar with the regulations concerning distribution of publications. Must have general familiarity with types and sizes of organizations so as to estimate requirements accurately. Must have general knowledge of printing and reproduction methods.

Directs the educational, recreational, athletic, and various personal guidance activities of a unit. Plans, organizes, and administers off-duty instruction for groups and individuals; provides educational guidance services and explains system of granting high school and college credit for training obtained in the service. Administers recreational projects and in liaison with Army, Navy, and civilian agencies, provides for Marine Corps participation in such projects; plans and produces stage plays, vaudeville acts, concerts, and community sings; provides facilities for motion pictures; supervises the distribution of phonograph records and radio transcriptions and the operation of clubs, recreation halls, and libraries. Plans, organizes, coordinates, and makes facilities available for athletic activities. Promulgates information and advice concerning benefits and welfare and service projects available to personnel and their dependents. Procures stores, and issues equipment and material for athletic, entertainment, and educational, and welfare activities.
(Continued on next page)

Must have initiative, organizational ability, and an understanding of welfare and educational programs. Must have a general knowledge of staff procedures and of the specifications, care, source, and use of athletic, recreational, educational, entertainment, and musical equipment.

Note-Use SSN 5661 for officers who are qualified to direct only athletic and recreational activities.

Directs the activities of a band. Conducts rehearsals and performances, prepares schedules of activities, selects and arranges music, inspects instruments and other equipment, initiates action to procure necessary instruments and musical supplies, gives music and drill instruction. May organize orchestras from band persennel for dances and other occasions.

Must be a musician and must be able to arrange music and orchestrations.

Supervises the editing and preparation of periodicals, newspapers, or similar publications. Consults with originating offices in regard to content of material and progress in preparation of manuscripts. Advises originating offices on lay-out of page forms, illustrations, and suitable methods of reproduction. May direct circulation and distribution of publications.

Must be thoroughly familiar with publication procedures and practices and with Marine Corps policies and regulations pertaining to the form and content of publications.

Prepares, directs preparation of, and edits written, pictorial, and recorded material concerning Marine Corps activities, in accordance with official directives, and directs release of material for use in such media as newspapers, magazines, radio, and newsreels. Acts in an advisory capacity to commanding officers on matters concerning public relations; and assists civilian agencies in their contacts with the Marine Corps. Supervises the activities of such enlisted personnel as Combat Correspondents (SSN 274), Radio Correspondents (SSN 798), Artists (SSN 299), and Recording Technicians (SSN 841).

Must be thoroughly competent in the gathering of news material and in the writing and editing of all types of news stories and feature articles. Must be able to evaluate photographs and art work and to determine their suitability for publication. Must have a general knowledge of the distribution of written and pictorial material to newspapers and magazines, layout and make-up procedures, photography, radio broadcasting studio procedures, and preparation of material for radio broadcasting.

> CORRESPONDENCE SCHOOL OFFICER [CORRES SCH OFF]21

Performs such duties incident to the operation of a correspondence school as directing and administering the school, planning curricula, instructing, promoting enrollment, conducting educational guidance, and securing high school and college credit certification for graduates of courses.

Must be familiar with administration of educational programs and with correspondence and extension course methods. Must be able to develop and to adapt educational courses to meet specific needs. 5555

ARTIST
Plans, supervises, and participates in the creation of murals, paintings, drawing, cartoons, posters, maps, charts, and other illustrative materials for promotion of public opinion or for educational, training, and recreational purposes.

Must be able to execute and to plan and supervise the execution of paintings, drawings, and other art projects.

Directs or assists in administering a library containing a collection of books, periodicals, and other literary materials. Supervises the classification, cataloging, shelving, and distribution of books and periodicals.

Must be thoroughly familiar with classification and cataloging procedures for books and periodicals, and with the operation of a library.

Manages officers' clubs, service clubs, guest houses, hostel houses, or BOQ's. Directs operations of a club or lodging house; receives and maintains appropriate facilities for military personnel and their friends and visitors. May direct operations of cafeterias, restaurants, or entertainment activities run in conjunction with the club or lodging.
(Continued on next page)

Must be thoroughly familiar with the operation of hotels, clubs, restaurants, or cafeterias.

Note-This SSN will not be used when the classification of Mess Officer (SSN 4110) or Athletic and Recreation Officer (SSN 5661) is more appropriate.

Use title Club Manager or Lodging House Manager whichever is more appropriate.

## ATHLETIC AND RECREATION OFFICER 18 [ATH \& RECRTN OFF]

Plans, organizes, and coordinates athletic and recreation activities. Makes facilities available for such activities as baseball, football, basketball, volleyball, boxing, wrestling, stage shows, motion pictures, and musical programs. Procures, stores, and issues equipment and materials for athletic and recreation activities and events. May operate clubs, recreation halls, and libraries.

Must have initiative and organizational ability. Must be familiar with staff procedure and have a knowledge of the specifications, care, source, and use of athletic, recreational, entertainment, and musical equipment.

## WAR BONDS OFFICER <br> [WAR BOND OFF]

Supervises sale of war bonds to military and civilian personnel. Develops and conducts sales promotion programs to stimulate bond sales. Prepares and maintains records, graphs, charts, and reports showing status of bond sales.

Must be thoroughly familiar with types of bonds available, regulations pertaining to joint and single ownership, and procedures for handling cash and allotment sales. Must be able to develop and to conduct sales promotion programs.

## AUDITING OFFICER <br> [AUDIT OFF]

Examines and verifies all financial and property records except those of the Quartermaster and Paymaster Departments. Prepares reports of audit to indicate condition of accounts. Examines inventories and property vouchers for validity of statements; inspects posting of fiscal and property data; checks computation and extensions in terms of overages and shortages in property or funds; interprets regulations on fiscal or property accounting and auditing, and checks for compliance; advises accountable officers of methods to correct discrepancies and irregularities.

Must have a thorough knowledge of Marine Corps regulations and procedures pertaining to accounting and auditing.

Directs activities in the disbursement of government funds to military personnel for services, allowances, and travel. Formulates policies, determines whether reports and statements contain sufficient information to support payment of funds; maintains records of payments made and balance of funds on hand; maintains pay accounts of officers; checks and verifies payrolls and vouchers; prepares records and reports on fiscal matters; procures cash to meet payroll needs, and makes payments; furnishes information on technical questions pertaining to pay matters, allowances, and insurance.

Must be thoroughly familiar with Marine Corps regulations and procedures concerning disbursement of government funds by the Paymaster Department.

Plans and develops military budget programs, and directs allotment of appropriated funds according to estimated expenditures. Compiles statistical and miscellaneous data and prepares reports incident to the preparation and justification of military budget programs. Maintains files of obligating instruments such as orders and contracts, and determines funds to be charged against allotments. Prepares and issues reports of obligations and expenditures. Maintains fiscal accounting records of various funds and is responsible for auditing functions. Supervises the operation of the fiscal control system. Interprets laws and regulations and issues instructions pertaining to fiscal matters.

Must have a thorough knowledge of Marine Corps, Navy, and General Accounting Office regulations and procedures regarding fiscal matters.

Directs activities incident to the beautification and upkeep of grounds and lawns, and prepares plans for converting areas of land into unified ornamental developments. Draws sketches and scale drawings locating shrubs, paths, roads, and buildings; and fits plans to contour of land and to existing architecture. Supervises such activities as: Grading terrain; covering land with top soil; sodding lawns; conditioning soil with fertilizer; cutting grass; trimming hedges; raking lawns; planting trees, flowers, and shrubs; and laying out footpaths, walks, roads, and recreation areas.

Must be thoroughly familiar with the principles of landscape architecture, and with the care and treatment of soil, trees, and shrubs.

Directs the maintenance and repair of utilities at a post, camp, or station, and supervises small-scale construction activities. Supervises such personnel as carpenters, painters, plumbers, electricians, and laborers; supervises the maintenance of lighting and power systems, of water, sewage, and heating plants, and of refrigeration and gas units; supervises repair of tools and machinery needed for construction and maintenance operations. May be responsible for grounds and road maintenance and the repair of buildings.

Must have a general knowledge of the functioning and maintenance of equipment employed in the operation of utilities, in small-scale construction work, and in the maintenance and repair of installations. Must be familiar with engineering principles and practices pertaining to construction and maintenance activities.

Supervises chemical warfare activities and advises the commanding officer and staff on chemical warfare matters. Prepares plans for use of chemicals and recommends distribution of chemical warfare supplies. Supervises protective measures, such as gas proofing of inclosures, decontamination of gassed areas and equipment, and emergency reimpregnation of clothing in the field. Plans and supervises chemical warfare training.

Must have a thorough knowledge of chemical warfare tactics, equipment, and supplies.

Directs accident prevention activities at installations engaged in manufacturing or at Assembly and Repair Shops. Inspects grounds, buildings, and machinery for hazards, and recommends means for preventing or reducing frequency of accidents. Supervises the education of personnel in the prevention of accidents, and conducts safety campaigns. Conducts accident investigations and prepares accident and safety reports.

Must be familiar with safety engineering methods and with safety measures as applied to industrial plants and construction projects.

Directs aeronautical engineering activities concerned with aircraft design, construction, repair, or modification. Directs the preparation of engineering reports and data on aircraft performance.

Must have thorough knowledge of aircraft engineering and aerodynamic principles as applied to design and construction of aircraft.

Directs the operations of a mapping unit engaged in constructing military maps and charts from aerial photographs and field surveys. Supervises compilation of field survey notes and the assembly of aerial photos, such as vertical, composite, and low and high obliques, in the preparation and revision of maps, mosaics, overlays, and overprints for reproduction by a reproduction unit.

Must have a knowledge of surveying, vertical and oblique photogrammetry, standard map projections, topographic drafting, mathematics through spherical trigonometry, military map symbols, and elementary astronomy as used in mapping.

## REPRODUCTION OFFICER

Directs the operations of a unit engaged in reproducing from prepared copy such materials as maps, charts, mosaics, overlays, and overprints by lithographic, black and white process printing, gelatin duplication, and photographic methods.

Must have a thorough knowledge of ground and aerial maps, military map symbols, photo-transferring, color reproduction, gelatin duplication, and lithographic processes, including the operation and maintenance of lithographic machinery such as offset printing presses.

Directs or supervises the design and construction of temporary and permanent landing fields. Prepares specifications for and supervises construction of runways, taxiways, dispersal and parking areas.

Must have a thorough knowledge of civil engineering principles, practices, and procedures. Must know the methods on iaying various types of surfaces, and must be thoroughly familiar with drainage and subsurface problems.

Advises commanding officer and staff on all legal matters. Prepares opinions and assists with the legal aspects of business, property, and financial operations under the jurisdiction of the command, and with the legal problems involved in the enlistment, promotion, supervision, retirement, discipline, misconduct, and discharge of military personnel. Gives legal advice and assistance to military personnel in the conduct of their personal affairs by drawing up wills, powers of attorney, and contracts; interprets provisions of insurance policies and legal papers; advises personnel of the provisions of laws, such as those pertaining to taxation, benefits for dependents, domestic relations, and rights and privileges of personnel while in the service and after discharge. Assists the commanding officer in the administration of military justice by preparing charges and specifications to be used in courts martial, reviewing proceedings of military courts and boards of investigations, and preparing opinions.

Must be thoroughly familiar with naval and public laws and with policies and procedures relating to legal matters involving the Marine Corps and individual Marines.

8103
TRIAL JUDGE ADVOCATE
1
[TRIAL JA]
Prepares cases for and serves as prosecutor in general courts martial. Conducts pretrial investigations to determine essential facts of case, interrogates the accused and explains to him his rights under the Articles for the Government of the Navy; gathers evidence and secures witnesses; presents the case against the accused in accordance with procedures prescribed in Naval Courts and Boards; safeguards right of the accused when he is without counsel; prepares trial record for submission to convening authority.

Note-Legal Officers (SSN 8101) will not be assigned this SSN. It will, however, be used to report current duty assignment when such duty is fulltime.

8104

> CIVIL AFFAIRS OFFICER
> [CIV AFFAIRS OFF]

Advises the commander on matters pertaining to the administration of civil affairs in an occupied territory where military government has been established. Directs and coordinates the activities in the control of civil affairs such as public works, communication, education, finance, welfare, agriculture, commerce, industry, public health, and police functions.

Must have a thorough knowledge of the functions and practices of military government including the preparation of proclamations and ordinances. Must have a general knowledge of the operations and management of public works, industry, finance, commerce, and other civil affairs. Must know Marine Corps administration and staff procedure.

Directs or participates in the making of weather observations and forecasts. Collects and analyzes weather data and determines probability of occurrence of specific weather phenomena. Prepares weather maps and reports for distribution to appropriate units and personnel. May interrogate air crews in regard to weather conditions encountered on missions.

Must know the principles and operation of instruments and the procedures employed in making weather observations and forecasts.

Directs the activities of a ground photographic unit engaged in taking still or motion pictures of such subjects as equipment, friendly or enemy installations, and training and combat operations. Assigns personnel to cover particular areas, events, or subjects. Supervises the training of personnel in the techniques and practices employed in military photographic operations. May direct the processing of still or motion pictures.

Must be familiar with the technical problems peculiar to military photographic operations and with the maintenance of photographic equipment.

8502

Directs the activities of aerial photographers, camera repairmen, and laboratory technicians engaged in taking and processing aerial and ground photographs, in constructing map mosaics, and in reproducing material by photographic duplication methods. Supervises installation of cameras and photographic equipment in aircraft, and advises commanding officer on photographic matters.

Must be familiar with methods of taking and processing ground and aerial photographs, and with operation, maintenance, and use of cameras and other photographic equipment.

Interprets and evaluates aerial photographs. Uses stereoscope, contour finder and other devices to examine photographs. Determines the location of enemy troops, gun emplacements, fuel and ammunition dumps, airports, hangars, type and number of aircraft, and length, direction, and type of runways. Compares new and old photographs of the same locations to detect camouflaged areas and installations. Writes detailed reports and summaries of interpretations, and prepares maps, charts, diagrams, and statistical charts. Coordinates photo-interpretation activities with related intelligence work.

Must be able to identify natural and artificial terrain features and genuine, camouflaged, and dummy materiel and equipment in aerial photographs. Must know principles and use of photo-interpretation equipment. Must be able to identify enemy installations, materiel, and weapons.
[RELIEF MAP OFF]
LANDFALL RECOGNITION OFFICER
[LANDFALL RECOG OFF]
Directs the construction of relief models of terrain. Studies maps, photographs, and sketches, and builds scale models of areas, using clay, plaster, plastics, fabrics, and other materials. Finishes models in color and simulated textures to achieve desired optical effects. In Aviation, may also make flights and point out targets after constructing models.

Must be able to interpret photographs, maps, and sketches and must be able to use such tools as modeling sets and woodcarving sets.

Note-For Aviation personnel use the title Landfall Recognition Officer.
$\overline{8523}$
TRAINING AIDS OFFICER
20
[TRNG AIDS OFF]
Advises training officers and instructors in the selection and proper utilization of training aids, and directs the activities of a training aids library. Inspects facilities for using training aids and makes recommendations for improving such facilities. Supervises loaning of such training aids and equipment as training films, film strips, recordings, selected graphic training aids, special training devices, motion picture projectors, film strip projectors, opaque projectors, screens, and record players. Supervises the maintenance of training aids equipment and material. Informs officers and instructors of new materials and arranges schedules for previews of new training films and film strips.

Must have thorough knowledge of the fundamentals of effective teaching. Must be familiar with the principles of audio-visual education and library procedures. Must have a thorough knowledge of the training aids and projectors used in military training.

Coordinates the activities of all personnel in a motion picture production unit, or performs one or more of the various specialties incident to the production of motion pictures, such as: Directing the photographing of scenes and episodes; planning and supervising the construction of stage settings; supervising the operations of a processing laboratory; writing scripts and developing ideas for stories; reviewing and editing films to check continuity, effectiveness of action and dialogue, and accuracy of historical events; rearranging and placing of sound effects; drawing cartoons and transforming them into animated motion pictures; supervising the operation and maintenance of projection rooms and photographic facilities and equipment; directing technical activities of sound recording and maintenance of equipment; requisitioning equipment and supplies and performing other related administrative duties.

Must have a general knowledge of the principles and techniques of motion picture production, action photography, animation, and film processing. Must be familiar with: The operation, maintenance, and use of cameras, lights, and other equipment; the principles of telling a story with motion pictures; the evaluation of scenes and episodes to achieve continuity of theme, action, and dialogue; and the coordination of the functions and operations of editing, camera, electrical, stage, property, and sound departments.

PROVOST MARSHAL
As a staff member, advises the commander and staff on military police matters. Formulates and supervises the execution of policies relating to: Enforcement of traffic and police regulations; apprehension, custody, and disposition of offenders; criminal investigations; collection and custody of prisoners of war; supervision of installations for refugees; establishment of straggler lines. Cooperates with civil authorities in planning such activities as blackouts, antisabotage measures, and protection of individuals and property.

Must be familiar with the tactical functions of military police in combat and with regulations that are to be enforced, including pertinent portions of the Articles for the Government of the Navy
and Rules of Land Warfare. Must know methods of controlling crowds and of suppressing disturbances, procedure for investigations, and regulations and practices pertaining to the operation of brigs, prisons, and stockades.

Note-For non-staff military police duties, see Military Police Officer (SSN 9110).

9110

## MILITARY POLICE OFFICER <br> [MP OFF]

Directs or assists in the administration, training, and employment of a military police unit or prison detachment. In a military police unit, supervises such activities as: Enforcement of traffic control regulations; criminal investigations; apprehension, custody, and disposition of stragglers, absentees, deserters, and other offenders; collection and custody of prisoners of war; supervision of installations for refugees; establishment of straggler lines and collecting points for prisoners of war; guard duty; enforcement of police regulations among members of military forces. In a prison or disciplinary barracks detachment, supervises such of the above duties as apply.

Must be thoroughly familiar with the tactical functions of military police in combat and with all laws, rules, and regulations that are to be enforced, including pertinent portions of the Articles for the Government of the Navy and Rules of Land Warfare. Must know methods of controlling crowds and of suppressing disturbances, procedure for investigations, and regulations and practices pertaining to the operation of brigs, prisons, and stockades.

Note-For staff duties relating to military police, see Provost Marshal (SSN 9100).

Directs the activities incident to the disposal of unexploded bombs, shells, mines, torpedoes and other munitions. Diagnoses type of unexploded item and determines method of handling to avoid or to minimize damage to property and installations, or danger to personnel.

Must be thoroughly familiar with explosives, projectiles, bombs, mines, booby traps, and fuzes of friendly and enemy manufacture. Must have a knowledge of the maintenance and use of excavating, rigging, and bomb disposal equipment.

Collects information on enemy and terrain under enemy control from prisoners of war, photographs, captured documents, recon-
naissance personnel, and other sources; evaluates and interprets information to determine probable accuracy, significance, and importance; makes estimates of enemy's capabilities; plans and prepares reports and orders, or parts of orders, dealing with enemy's situation and capabilities; distributes information to commander, staff, and to higher, lower, and neighboring units; determines the need for military maps and photographs, and makes recommendations as to the character of maps and photographs required; may supervise reproduction and distribution of maps and photographs; plans for and supervises, in coordination with proper agencies, the training of intelligence personnel; makes studies for future operations. Plans and supervises measures other than tactical to preserve secrecy; regulates activities of newspaper correspondents, photographers, and civilians accompanying troops; supervises censorship. May formulate and coordinate plans regarding and may supervise activities of public relations personnel.

Must have a thorough knowledge of combat intelligence and staff procedures. Must be familiar with the characteristics of enemy materiel, the organization and tactics of enemy forces, and the racial background, psychology, and characteristics of enemy personnel. Must know uses and interpretation of aerial photographs, procedures for processing prisoners of war and captured enemy materiel, regulations pertaining to the handling of secret and confidential matter, counter-intelligence procedures, regulations pertaining to censorship, and the employment of public relations personnel in combat.

Plans and supervises security measures, other than tactical, to preserve secrecy, and to protect materials and installations. May investigate military and civilian personnel engaged in production, distribution, and publication of secret and confidential documents, equipment, and other materials. May supervise the organization, employment, training, and inspection of personnel engaged in the protection of materials and installations. May maintain and operate a system to identify military and civilian personnel. May investigate cases of possible sabotage, espionage, and subversive activities. May conduct counter subversive measures and coordinate activities with other agencies.
Must be familiar with procedures of investigation, techniques of interrogation and identification, methods of collecting evidence, methods of preparing written statements and reports, methods and psychology of criminals, censorship regulations, regulations concerning the handling of classified matter, and counter intelligence measures.

Directs or assists in the administration, training, and tactical employment of a reconnaissance unit. Supervises the supply, personnel, and security activities of the unit. Reconnoiters enemy dispositions; explores and selects routes of approach and posts guides to direct troops; assists intelligence and operations officers by furnishing reports, maps, and charts based on observations.

Must be a qualified Infantry OFFICER (SSN 1542) particularly adept in scouting and patrolling activities. Must know enemy organization; must be able to identify enemy equipment, and to make accurate maps, charts, and rough sketches.

Collects information about the enemy and enemy-held territory from higher echelons, flight personnel, aerial photographs, reports, and other sources; evaluates and interprets information to determine probable accuracy, significance, and importance; makes estimates of enemy's capabilities and probable air reaction; plans and prepares reports and orders, or parts of orders, dealing with enemy's situation and capabilities; distributes information to commander, staff, and to higher, lower, and other units by means of bulletins, intelligence reports, maps, charts, meetings, diagrams, and reports; maintains intelligence work sheet, intelligence journal, situation map, war diary, and enemy order of battle; prepares overlays, diagrams, reports, standing operating procedures, intelligence plans, and intelligence summaries; supervises instruction in such subjects as war theaters, reporting information, allied and enemy tactics, target analysis, recognition and characteristics of ships and planes, and the psychology and racial characteristics of enemy personnel; supervises personnel engaged in intelligence duties; and, as a staff member, assists in planning operations and advises the commanding officer on intelligence matters.

Must be familiar with combat and counter intelligence and staff procedures, the characteristics of allied and enemy ships and aircraft, organization and tactics of enemy forces, racial background and characteristics of enemy personnel, use and interpretation of aerial photographs and maps, regulations pertaining to censorship, the handling of secret and confidential matter, and the principles of land warfare and amphibious operations.
9330

> JAPANESE LANGUAGE OFFICER [JAP LANGUAGE OFF]

Interprets or translates the Japanese language into English and vice versa. Performs such duties as interrogating prisoners, translating captured enemy documents, and acting as intermediary in conversations.

Interprets or translates the Chinese language into English and vice versa. Performs such duties as questioning Chinese people, translating Chinese documents, and acting as intermediary in conversations.
9414
FIRE MARSHAL
17
Directs the activities of fire fighters and other personnel charged with the control of fire hazards. Inspects buildings, apparatus, and fire-fighting equipment; investigates causes of fires; initiates action to procure fire-fighting equipment and supplies, and determines their distribution and use; prepares regulations and rules pertaining to duties of military and civilian personnel in the event of fires; determines procedures for and methods of fighting fires and conducting drills.

Must be familiar with the operation and maintenance of firefighting equipment and with methods of controlling different kinds of fires.

Directs activities incident to providing concealment or disguise for troops, materiel, sites, and emplacements. Reconnoiters areas, and determines need for and plans appropriate camouflage measures; supervises enlisted men engaged in accomplishment of camouflage objectives; makes inspections and studies aerial photographs to determine efficiency of camouflage.

Must have thorough knowledge of camouflage principles and techniques, and must know camouflage employment of paints, dyestuffs, cloth coverings, and foliage. Must be familiar with reflection and refraction of light as applied to camouflage activities. Must be able to choose and improvise suitable camouflage measures for specific situations.

Directs or assists in the administration, training, and tactical employment of a troop- and cargo-carrying amphibian tractor unit. Supervises the supply, personnel, security, and minor maintenance activities of the unit. Directs or leads amphibian tractor unit in assault and support phases of amphibious operations.

Must have a thorough knowledge of the tactical and technical operations of amphibian tractors. Must be familiar with traffic regulations for land vehicles and boats. Must be able to navigate by dead reckoning.

Note-This SSN will not be listed as a secondary specialty for officers qualified for SSN 9952 since all Armored Amphibian Tractor Officers are also qualified as Amphibian Tractor Officers.

Directs or assists in the administration, training, and tactical employment of a weapons-carrying armored amphibian tractor unit. Supervises the supply, personnel, security, and minor maintenance activities of the unit. Directs or leads armored amphibian tractor unit in assault or support missions and coordinates the firing of howitzers in direct and indirect fire missions.

Must have a thorough knowledge of the tactical and technical operations of armored amphibian tractors. Must be familiar with traffic regulations for land vehicles and boats. Must be able to navigate by dead reckoning and to coordinate massed firing of weapons.
9953

## AMPHIBIAN TRACTOR MAINTENANCE OFFICER [AMPHTRAC MAINT OFF]

Directs the inspection, maintenance, and repair of amphibian tractors or armored amphibian tractors. May direct maintenance of other types of vehicles employed in amphibian tractor or armored amphibian tractor units.

Must have a thorough knowledge of the maintenance, repair, and salvage of amphibian tractors.

Operates aircraft of a single-engine torpedo bomber type.
Note-See Section 8 of Chapter I for coding stage of training.
9981
PILOT, VMTB (CARRIER)-SINGLE ENGINE
[PILOT, VMTB(CV)-1]
Operates aircraft of a single-engine torpedo bomber type in a carrier-based torpedo bomber unit.

Must be qualified to operate from aircraft carrier.
Note-See Section 8 of Chapter I for coding stage of training.

Operates aircraft of a twin-engine fighter type and is also qualified in torpedo bombing tactics.

Note-See Section 8 of Chapter I for coding stage of training.

Regularly performs duties of a highly specialized nature that are not covered by one of the regular military specialties described in this manual.

Note-This specification serial number will be used only after clearing each specific case by letter with Headquarters, Marine Corps, as described in Sections 11 and 14 of Chapter I. Headquarters will issue instructions as to job title to use in the event the use of this SSN is authorized.

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## Section 3-ENLISTED JOB SPECIFICATIONS

Supernumerary-Mess Duty
This designation will appear on certain Tables of Organization in the SSN column for supernumeraries provided for mess duty. The designation 000 will never be used as a military SSN for an individual. It may be used to report duty assignment of individuals when appropriate.

Constructs maps and mosaics from aerial photographs. Makes mathematical computations and constructs tables and graphs to correct stereographic displacements and distortions in photographs. Constructs control boards upon which mosaics are assembled; uses stereocomparagraph, contour finder, and other instruments to prepare and to compile topographic maps.

Must have a knowledge of photogrammetry and must be capable of doing topographic drafting. Must know signs and symbols used in military mapping.

Inspects, tests, maintains, and repairs Diesel engines, accessory equipment, and assemblies on stationary, mobile, or self-propelled equipment.

Must have knowledge of the theory, construction, operation, and repair of Diesel-powered engines.
Note-See also SSN's 319, 322, 477, 660, 846, and 996 for jobs involving Diesel repair in addition to other duties.

## AUTOMOTIVE MECHANIC

Inspects, tests, maintains, and repairs all types of gasoline-powered automotive vehicles. May perform overhaul on engines, transmissions, clutches, differentials, and other assemblies. May repair amphibian trucks, motorcycles, or motor scooters. May supervise other Automotive Mechanics performing first and second echelon repair work.

Must have knowledge of the theory, construction, and operation of automotive engines, and be competent to perform major repairs.
Note-Use SSN 996 for amphibian tractor repair. See also SSN 316.

Operates, maintains, and repairs microfilm and V-mail equipment used to develop negatives and to make paper prints of V-mail and microfilm communications.

Must be able to diagnose faults appearing on microfilm and to determine source of and to correct malfunctioning of equipment.

Bakes bread, rolls, cakes, pies, and other pastries in a fixed or mobile bakery. Mixes ingredients, shapes and forms bakery products by hand or machine, and regulates oven temperature.

Must be able to operate ovens, dough-mixing machinery, and other bakery equipment. Must know sanitary precautions to be observed in bakery operations. Must be able to identify spoiled ingredients.

Supervises or assists in the supervision of the musical activities of a band or orchestra. Prepares rehearsal schedules; selects and arranges music; inspects musical instruments and equipment; directs rehearsals; and directs the band or orchestra in public performance.

Must be able to arrange orchestrations and to direct the band at military ceremonies and concerts. Must be a competent musician on one or more band instruments. Must know regulations and procedures pertaining to band administration and to band activities at military ceremonies.

Plays a musical instrument in a band or orchestra, other than one of those instruments specifically listed elsewhere in this manual.

Note-Use an appropriate title, such as Violinist, Pianist, or Harpist. Normally, this SSN will be carried as a secondary SSN. See also SSN's 020 , 175, 176, 432 to 441 inclusive, and 801.

Cuts and shampoos hair and gives shaves; or performs manicuring, hairdressing, and other related operations.

Note-Use title Beauty Operator for Women's Reserve personnel.

Forges and forge-welds metal articles and parts for equipment and machinery; makes, repairs, sharpens, and heat-treats hand tools such as chisels, drills, bars, and picks. May operate a power hammer.

Must be thoroughly familiar with coal or coke forges. Must know various methods of shaping heated metal.

Operates and services blueprint or photostat machines used to reproduce copies of maps, charts, drawings, manuscripts, and blueprints.

Must be thoroughly familiar with equipment and operations employed. Must know proper timing of exposures.
Note-Use appropriate title.

As a member of a railroad train crew, receives signals from and transmits signals to Locomotive Engineer (SSN 110) relative to train movement. Switches trains and railroad cars from one track to another, couples and uncouples cars, stakes flags and flares in emergencies, and performs other related tasks.

Must be familiar with railroad operating and safety rules, semaphore signals, timetables, and train orders.

Mixes mortar and lays bricks, building blocks, stones, and tile to construct walls, fireplaces, ovens, and other masonry structures. May lay concrete, and do plastering.

Must be skilled in the use of such tools as mortar trowels, jointers, squares, gauge lines, levels, plumb bobs, rules, bricklayer's hammers, and various templates used for arch construction.

## 035

CARPENTER, BRIDGE
6
Builds or repairs permanent or temporary bridges, trestles, cofferdams, supports for bridge forms, and other heavy wooden structures. May assist in the construction or repair of pontoon bridges.

Must be thoroughly familiar with the most rapid and efficient methods of building bridges or repairing damaged bridges. Must be able to read blueprints.

Note-See also SSN 050.
EMEAT CUTTER
$i$
Separates meat from animal carcasses into standard cuts for distribution to units. May cut and sell meats in a sales commissary.

Must know methods of cutting meat to avoid waste; must know which parts are best adapted for special uses.

038
CABINETMAKER
6
Performs the hand and machine carpentry necessary to fabricate, assemble, and repair wooden articles such as furniture, station wagon panels, file cases, and other items requiring precise workmanship and high finish.

Must be highly competent in the use of hand carpentry tools. Should be familiar with all common woodworking machines. Must be able to read blueprints.

039
CABLE SPLICER
$j$
Splices and repairs conductor cables used in wire communication systems.

Must be competent to work on all types of lead cable. Should be able to work on rubber-coated wire.

043

## CAMERAMAN, ${ }^{\text {PMOTION: PICTURE }}$

13 [CAMERAMAN, MOTN PIC]
Takes photographs with a motion picture camera for intelligence, training, propaganda, or publicity purposes. Determines most effective angle of view from which to photograph given action, adjusts and focuses camera, follows action through view finder, and takes necessary shots. Performs preventive maintenance on camera.

Must understand uses, advantages, and limitations of various types of cameras. Must understand basic principles of film editing.

Note-See SSN 561 for other motion picture technicians.

Performs a variety of woodworking and metalworking tasks in the repair and maintenance of railway cars. Cuts and shapes wood to construct or repair wooden parts. Makes and hangs doors, lays floors and roofing, and fits siding to railroad cars. Repairs or replaces broken or defective metal parts.

Must be able to work from blueprints or sketches. Must be skilled in use of woodworking power machinery, carpentry hand tools, and such metalworking tools as air drill, air hammer, air jack, drill press, and power shears.

Note-For machinist duties in railway repair, use SSN 114.

Maintains records of location and movement of railway cars, and directs the movement, switching, and distribution of cars to specific locations in a railroad yard.

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

Note-See also SSN 266. See also SSN 573 for clerical freight transportation duties not involved in the actual operation of a railway.

Performs general carpentry tasks in the construction and maintenance of wooden structure, rough furniture, platforms, and other wooden equipment.

Must be able to work from blueprints or drawings. Must be proficient in use of all standard hand carpentry tools. Should be familiar with common power carpentry tools.
Note-See also SSN's 035, 038, 046, 121, 202, and 550.
CLERK, GENERAL
1
[CLK, GEN]
Performs general office work not requiring the use of a typewriter, such as compiling and filing reports, operating mimeograph or ditto machines, answering telephones, distributing mail, and running errands.

Note-See also SSN's 213 and 405.

Performs various duties in a post office, such as: Receiving, sorting, and distributing all classes of mail; insuring and registering mail; issuing and cashing postal money orders; and selling stamps and other postal supplies. Keeps accurate record of all transactions and is responsible for funds and supplies. (Continued on next page)

Must have a knowledge of postal laws, regulations, and forms pertaining to handling of all classes of mail.

Note-Use SSN 055 for personnel performing routine clerical work in a post office, and for "mail orderlies" or personnel performing routine mail distribution duties in a organizational unit.

Supervises operation of a railway freight train and is responsible for prompt movement of train to destination. Supervises train crew; receives and handles bills of lading and written orders.

Must have knowledge of standard operating rules and regulations governing operation of military railways. Must be familiar with semaphore signals used by railroads.

Exercises general supervision over any type of construction project or group of projects involving the construction and repair of buildings, roads, bridges, drainage systems, or water supply systems. Reads plans and blueprints; lays out and assigns work. Usually directs the activities of several construction crews.

Must be thoroughly familiar with engineering and construction principles. Must be able to give technical directions.
Note-For direct supervision of a crew of workers use SSN 796.
COOK
7
Prepares food, using prescribed recipes and daily menus as a guide. May supervise and coordinate the activities of mess personnel in the preparation and serving of food. May prepare daily menus, maintain records, and requisition food.

Must be thoroughly familiar with operation of a field range, slicing and trimming of cuts of meat received from the commissary, and mess sanitation, economy, and management.
Note-See also SSN's 017 and 037.

Sets tables, serves meals, makes up bunks, cleans quarters, and performs other duties incident to the maintenance of officers' quarters and the serving of food in an officers' mess. May assist in the galley. May tend bar and serve drinks in an officers' club.

Operates any type of Diesel-, gasoline-, electric- or steam-powered crane of the fixed, overhead, or mobile type. May operate winches in the loading and unloading of cargoes.

Must be able to coordinate hand and foot movements in operating pedals and levers with accurate judgment of distances. Must be able to perform minor maintenance activities on crane.

Note-See also SSN 359.
069
RAILWAY CHIEF
16
[RY CHF]
Supervises the operations of a military railway system and coordinates the activities of such enlisted railway specialists as brakemen, traffic men, conductors, yardmasters, and railway clerks.

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

Prepares clear, complete, and accurate working plans and detailed drawings from sketches, notes, or oral instructions for a variety of purposes, such as the construction of roads, bridges, buildings, and the installation of utilities. Makes freehand sketches of proposed project or equipment. Makes finished detailed drawings to scale.

Must be competent in the use of drafting instruments. Must know conventional military symbols. Should know orthographic and isometric projections.

Note-See also SSN's 071, 075, 076, and 530.

Prepares detailed drawings of machines and parts used in the construction or repair of equipment or mechanical devices. Sketches proposed parts. Makes finished detailed drawings to scale.

Must be competent in the use of drafting instruments. Should have general familiarity with mechanical equipment.

Prepares detailed drawings, working plans, and wiring diagrams for use in the wiring of buildings, machinery, equipment, or fixtures.

Must be competent in the use of drafting instruments. Must know conventional electrical symbols. Should have general familiarity with electrical equipment and installations.
Note-See also SSN 530.

Prepares topographical maps, charts, mosaics, sketches, and overlays from such original sources as surveyor's notes, aerial photographs, or maps.
(Continued on next page)

Must be competent in the use of drafting instruments. Must know conventional signs and symbols used in military mapping. Should know technique of maintaining a field operations map.

Installs, tests, maintains, and repairs electrical fixtures, apparatus, control equipment, and wiring used in alarm, light, or power systems of buildings or other construction projects. Splices and insulates wire, installs conduit, tests circuits, isolates and corrects defects. May install and repair electric motors or generators.

Must understand basic electrical theory.

Operates and maintains stationary steam engines that supply heat and power for machine shops, laundries, refrigeration plants, and similar activities. Supervises enlisted assistants and directs their activities in firing boilers and performing repair and maintenance work such as cleaning, chipping, and rebuilding boilers and fire boxes.

Must know safety regulations governing boiler operation.
BOILER FIREMAN
Tends, feeds, cleans, and maintains a portable or fixed boiler used for supplying heat or steam to power equipment, industrial processes, or buildings. Stokes fire by hand or mechanical means, regulates drafts and fuel supply to maintain required steam pressure, keeps proper water level in boiler, and removes ashes and clinkers.

Should know safety regulations governing boiler operation.
HEAT-TREATER
6
Alters the physical and chemical properties of metals and metal parts by controlled heating and cooling to produce a specified degree of hardness, toughness, or resistance.

Must have a thorough knowledge of the working properties of various metals and metal alloys, including basic theories of physical and chemical changes brought about by heat-treating. Must be thoroughly familiar with both case hardening and annealing methods.
'Trains horses or mules for single, double, or multiple hitch work, and to the bridle and saddle.

Must have extensive knowledge of the habits and care of horses. Should be capable of riding untrained horses.

Shoes horses and mules, and performs the incidental forging required to fit metal shoes to animals in such a manner as to interfere as little as possible with the natural gaits of the animals.

Must be able to relieve pressure on injured or sensitive hoof areas and to correct faulty gaits in animals by corrective shoeing.

097

> INSTALLER-REPAIRMAN, CENTRAL OFFICE [INSTAL-RPRMAN, CENT OFFICE]

Installs, maintains, tests, and repairs manual and automatic telephone and telegraph station and central office equipment. Tests circuits, locates and diagnoses trouble, and corrects difficulty by repairing, replacing, or adjusting such equipment as relays, lamps, jacks, plugs, cords, repeater coils, switches, selectors, terminal banks, generators, rectifiers, and brushes.

Must be thoroughly familiar with the functioning of circuits, and with the fundamentals of telephone repair and adjustment.

LAUNDRY FOREMAN
16
Supervises and coordinates the activities of personnel in a fixed or mobile laundry. Estimates requirements; requisitions supplies; supervises preparation of bleaches, soaps, starches, and cleaning fluids; instructs personnel in operation of laundry equipment. In a mobile laundry supervises lay-out of trailers and preparation for operation.

Must be thoroughly familiar with operation of a laundry. Must know proper methods of washing and cleaning clothing and textile equipment. Should know fundamentals of laundry equipment and maintenance.

## LAUNDRY MACHINE OPERATOR [LAUNDRY MACH OPER]

Operates one or more power-driven machines, such as washers, extractors, and tumblers, used to launder clothing and textile equipment in a fixed or mobile laundry. In a mobile unit, assists in setting up trailers for field operation. In a fixed installation, may operate a flatwork presser.

Must know proper methods of washing and of cleaning clothing and textile equipment to prevent shrinking, fading, and excessive weakening of fabrics. Should have general familiarity with operation of a laundry.

Note-Use SSN 521 for persons performing only routine duties in a laundry, such as checking, sorting, and marking. See also SSN 302.

Installs, adjusts, services, and repairs mechanical equipment used in a fixed or mobile laundry.
(Continued on next page)

Must be thoroughly familiar with construction and principles of operation of such equipment as washers, extractors, tumblers, and presses. Should have general familiarity with steam fitting and sheet metal work.

105

> ADDRESSING MACHINE OPERATOR or [ADDRESS MACH OPER]
> EMBOSSING MACHINE OPERATOR [EMBOSS MACH OPER]

Operates a machine that embosses names, addresses, and other information on metal or fiber plates used in duplicating or addressing machines; or operates a machine that prints information embossed on the plates. May make minor repairs and adjustments to equipment.
Note-Use appropriate title. When qualified to operate both machines use title Addressing-Embossing Machine Operator, abbreriuted Address-Emboss Mach Oper.

## LINOTYPEROPERATOR <br> 16 [LINOTYPE OPER]

Operates a machine which selects and assembles letters into lines and which casts strips of type for use in printing. Makes minor adjustments and repairs.
Note-See also SSN 168.

Photographs topographical maps and other documents and transfers the pattern or image thus produced to lithographic plates which are used to reproduce copies of such topographical maps and other documents. Sets up, adjusts, and operates lithographic press.

Must be thoroughly familiar with the preparation of negatives for lithography, lithographic plate making, and lithographic press work. Should be able to produce accurate four-color jobs.

Note-For operation of process camera only, use SSN 153. See also SSN 128.

Operates steam, Diesel, or electric locomotive to move railway cars. Inspects locomotive and performs minor repairs.

Must be thoroughly familiar with railroad semaphore signaling and safety precautions.

Fires and tends a boiler to generate steam in a railway locomotive. Fuels boiler by hand, shoveling coal, coke, or other fuel into fire box, or manipulates valves to control flow of fuel oil to
fire box. Inspects safety valves and pressure gauges. Performs minor cleaning and maintenance on locomotive. May assist Locomotive Engineer (SSN 110) in driving locomotive.

Must be thoroughly familiar with railroad semaphore signaling and safety precautions.

113
WOODWORKING MACHINE OPERATOR
6 [WOODWORKING MACH OPER]
Operates one or more woodworking machines, such as planer, sander, wood lathe, drill press, band saw, circular saw, or jointer, to cut and shape wooden articles. May perform simple carpentry and cabinetmaker tasks.

Must know working characteristics of the more common woods. Should be able to read and interpret blueprints.

Note-For individuals who are qualified in both woodworking machine operation and hand carpentry, use SSN 050.

114
MACHINIST
6
Makes and repairs metal parts in a machine shop. Reads blueprints, selects stock, lays out design, and follows work through to completion. Sets up work and operates such metal-working machines as engine and turret lathes, milling machines, planers, shapers, drill presses, and boring mills. Works within close tolerances. May heat-treat metals.

Must be able to work from blueprints and written specifications. Must know the working properties of such metals as aluminum, brass, cast and wrought iron, and various steels.
Note--See also SSN's 241, 302, and 823.

Performs one or more of the duties incident to the operation, docking, loading, unloading, and minor maintenance of small boats, including crash boats.

Must know principles of navigation, dead reckoning, care of small vessels, maritime rules, and mechanical operation of boats and equipment.

Note--See also SSN 564 for Crash Crewman not qualified to operate boats.

Keeps buildings, machinery, or equipment in good repair and working order by performing a wide variety of maintenance tasks not requiring the services of a specialist. Performs rough carpentry, simple plumbing, and simple electrical or mechanical work.

Should have an elementary knowledge of and skill in carpentry, plumbing, painting, and electricity.

Note-See also SSN's 705 and 822.

Covers metal objects with a coating of nickel or other metal by electrolytic methods. Cleans object by immersing it in a series of baths; immerses object in a solution of metallic salts of the plating metal; and regulates electrical controls to keep a specific intensity of electric current flowing through the plating solutions.

Must be thoroughly familiar with methods of handling acids and mixing standard solutions for pickling, washing, and plating.

128
MULTILITH OPERATOR or MULTIGRAPH OPERATOR
6 [MULTILITH OPER] [MULTIGRAPH OPER]
Operates a multilith or multigraph machine to produce duplicate copies of printed or typed forms, such as memoranda, bulletins, charts, and training aids. May set type for multigraph machine. May also operate mimeograph, ditto, stapling, or papercutting machines.

Note-For operation of mimeograph or ditto machines only, use SSN 055. See also SSN 107.

FOUNDRYMAN
s
Performs such duties as making cores, forming sand molds, firing and charging furnaces, pouring metal into molds, removing and cleaning castings, and other operations incident to the preparation of castings. Works with iron, aluminum, brass, or other metals.

Must have thorough knowledge of proper temperatures at which various metals may best be cast. Should have a knowledge of molding sands and how they are mixed. Should be familiar with core-making operations.

Note-See also SSN 148.

Constructs relief maps or scale models of terrain, showing enemy and friendly positions, military equipment, buildings, and similar objects, for use in acquainting troops with assault objectives; or constructs such objects for use as training aids. Uses papier mache, plaster of paris, clay, sand, wood, cardboard, metal, and other materials.

Must be thoroughly familiar with the interpretation of aerial photographs and military maps. Should have a general knowledge of the principles of camouflage. Should have artistic ability, be able to work in colors, and be able to work with modeling clay, plaster, papier mache, and similar materials.

Note-Use title Landfall Technician in Aviation. See also SSN 561.

Operates and makes all types of repairs on 16 mm sound and silent motion picture projection equipment. Repairs head mechanisms, motors, optical systems, electrical systems, and sound amplifying systems. Sets up, and adjusts screen, speakers, and projectors; puts film in projector; adjusts light on screen; focuses image; adjusts sound for volume and quality. Checks film for strained sprocket holes, tears, breaks, scratches, and other damage. May repair and operate still projection equipment, lantern slide projectors, opaque projectors, film strip projectors, and phonograph record and electrical transcription players and reproducers. May operate simple public address system.

Must have thorough knowledge of repair, maintenance, and operation of 16 mm sound and silent projectors equipped with incandescent or arc lamps.
Note-Use SSN 977 for personnel who are qualified only to operate 16 mm equipment. See also SSN 847.

PAINTER, VEHICLE
10
Paints automobiles, motorcycles, tanks, trucks, and other mobile equipment; mixes paint; uses brush or spray gun.

Must be able to mix and match paints.
PAINTER, GENERAL
6 [PAINTER, GEN]
Mixes, matches, and applies paints and varnishes to buildings, structures, furniture, and other objects; uses brush or spray gun.

Must be able to mix and match paints.
PAINTER, SIGN
6
Designs, lays out, and paints signs on cloth, metal, wood, glass, paper, and other surfaces. May use carpentry and tinning tools to build displays.

## PATTERNMAKER

3
Constructs patterns and core boxes for foundry processes. Uses hand and machine woodworking tools and precision measuring devices.

Must be capable of reading and interpreting blueprints.

Grinds, finishes, and calibrates quartz used in crystal-controlled radio sets.

Must be thoroughly familiar with all types of crystal cuts and their characteristics. Must know the type of holder to be used, the required crystal activity and tolerances, and the type of testing unit to be used in calibrating crystals for any particular set.

Makes indoor or outdoor photographs of military personnel, equipment, activities, and other subjects for publicity, training, or instructional purposes. Selects and arranges subject matter to secure proper emphasis, adjusts camera accordingly, and takes pictures. May perform darkroom work, including film and paper processing, printing, and enlarging of still photographs. May make and process copies of documents, maps and photographs.

Must understand the mechanics, operation, care, and minor maintenance of still cameras of various types and their accessories. Should have knowledge of the fundamentals of optics, filters, use of auxiliary lighting units, and use of various chemical solutions and laboratory equipment used to process negatives.

Note-See also SSN 155.

Photographs maps and other printed matter to required size for the preparation of negatives used in making sensitized reproduction plates. Grains plates to remove old images. May prepare plates for color reproduction. May prepare vectographs.

Must be thoroughly familiar with the operation of copy cameras and with the preparation of negatives for lithography. Should have general familiarity with operation of lithographic presses.

Note-See also SSN 107.

Operates camera used to photograph personnel for identification purposes. May perform related darkroom processing and printing of identification photographs.

Must understand the mechanics, operation, care, and maintenance of cameras used to make identification photographs.
Note--This SSN represents a lower level of skill than SSN 152.

## PLUMBER

6
Installs, repairs, tests, and maintains water, gas, air, steam, and sewerage pipe systems and equipment. Cuts, threads, and bends pipe. Installs pipe, fittings, and fixtures. Removes and replaces defective parts.

Must be able to follow oral or written specifications. Should have a working knowledge of the use of calking, packing, and gasket materials.

Does all-around job printing, including the assembling and setting of type, and locking and registering forms on press. May operate and adjust printing presses.

Must be thoroughly familiar with type styles and printed page make-up.

Nots--See also SSN's 106, 107, 128, and 169.
169
JOB PRESSMAN
16
Makes ready, operates, and maintains a printing press.
Note-Use SSN 168 for personnel who perform both type setting and press operation duties.

BODY AND RADIATOR REPAIRMAN
[BODY \& RADTR RPRMAN]
Repairs bodies, fenders, and radiators of motor vehicles. Removes dents in metal bodies and fenders by hammering with properly shaped ding hammer and ding block. Smooths dented area by grinding, filing, or filling with solder. Inspects radiators for malfunctioning. Cleans radiator cores. Repairs leaks by soldering or replacing radiator cores or replacing hose connections or gaskets. May weld breaks in body metal. May repair water pumps.

## RADIO REPAIRMAN [RADIO RPRMAN]

 5Inspects, installs, tests, and repairs ground and airborne amplitude modulated radio transmitting and receiving instruments and related equipment. May repair frequency modulated equipment. Tests equipment with such instruments as voltmeters, ohmmeters, tube testers, and oscilloscopes. Locates defects and corrects them either by replacing parts, or by repairing units. Improvises or makes substitutions for defective parts when replacements are not available.

Must have general knowledge of the theory of operation of radio transmitters, receivers, and related equipment.

Note-See also SSN's 649 and 759.
BANDSMAN, OBOE
4
Plays an oboe in a musical organization. Must be able to read music.

BANDSMAN, BASSOON
Plays a bassoon in a musical organization. Must be able to read music.

Installs, adjusts, maintains, and repairs repeater and carrier equipment used in long lines wire communication systems. Assembles and installs repeater and carrier units. Makes various types of tests such as measurements of transmission gains or losses and line resistances. Makes operating adjustments on repeater and
carrier units to produce proper gains, levels, balances, and equalizations pertaining to amplified signals and the creation of additional communication channels. Locates, diagnoses, and clears trouble by making necessary repairs, improvisations, replacements, and substitutions.

Must have a general knowledge of the more common types of telephone circuits and be able to read and interpret circuit drawings. Must understand theory of repeater and carrier systems.

> RIGGER, HEAVY EQUIPMENT
> [RIGGER, HVY EQUIP]

Raises and moves heavy equipment, using derricks, gin poles, A-frames, cableways, chainblocks, and similar devices. Sets up, braces, and rigs hoisting equipment. Splices rope and steel cable, and otherwise prepares and fabricates rigging apparatus.

Must know knots, splices, correct method of moving heavy objects, and safety precautions to be followed in moving heavy equipment.

Note-Use SSN 689 for airplane cable rigging.

Operates a pneumatic hammer to fasten together with rivets plates, machine parts, boiler or other metal plate in the construction, repair, or maintenance of structures or equipment.

Determines the salvageability of supplies and equipment; reclaims, sorts, classifies, disassembles, or otherwise prepares salvage for shipment or repair by appropriate specialists.

Must have a general knowledge of salvage operations and of the capabilities of maintenance units in various echelons.
Note-This SSN will be secondary for persons also qualified in more specific specialties, as, for example, Cobbler (SSN 204), Automotive Mechanic (SSN 014), and Field Artillery Mechanic (SSN 913). See also SSN 728.

Controls the spread of insect-borne diseases by draining and spraying insect breeding and habitation areas. Inspects, repairs, and replaces defective screens and netting. May perform other duties in connection with the sanitation of incinerators, latrines, or kitchens.

Must have knowledge of approved methods of insect control and waste disposal.

Operates an electrically powered or pedal-operated sewing machine to fabricate or to repair clothing or other textile equipment.

Note-See also SSN's 204, 234, and 609.

Constructs, assembles, installs, and repairs sheet metal articles. Cuts sheet metal and bends it to desired shape using appropriate tools and machines. Punches or drills holes for rivets, bolts, and screws. Assembles parts. Solders, bolts, rivets, or welds parts together.

Must know the type of seam or joint best suited for specific purposes.
Note-See also SSN's 172 and 555.

Repairs wooden keels, ribs, planking, decks, cabins, masts, gunwales, and bulkheads of boats or other water craft. May build small boats or barges.

Must be thoroughly familiar with methods of warping, fitting, and water sealing wood. Must be able to use all carpentry hand tools and to cut and miter joints.

PACKER
16
Packs, crates, and otherwise prepares equipment, material, and household goods for shipment. May construct wooden cases used in packing. In large units may specialize in packing one type of property.

Should have a thorough knowledge of proper methods of preparing a variety of materials for shipment.

Note-See also SSN's 581, 583, 735, 740, 844, and 978.

Resoles, reheels, and otherwise repairs footwear; sews and patches textile equipment such as tents and sea bags. Operates, maintains, and repairs shoe-repairing machinery and powered or pedal-operated textile sewing machines.

Operates, maintains, and performs adjustments and minor repairs on 35 mm motion picture projecting and sound-reproducing equipment. Puts film in machine; focuses image on screen; changes and adjusts carbon in arc lamp and adjusts arc lamp for maximum even illumination; performs changeovers from one projector to another. Operates and maintains power supply unit such as motor generator, converter, or rectifier. Rewinds and repairs film. Changes and tests vacuum tubes in sound-amplifying system. May operate floodlights, spotlights, and special effects machine.
(Continued on next page)

Must be a graduate of a naval sound motion picture technician's school, or have equivalent training or experience. Must have a working knowledge of optics, mechanics of projection, basic electricity, and amplifier circuits.

Note-See also SSN 980.

## 212

## STATISTICAL CLERK [STATIST CLK]

Operates a calculating machine to make arithmetical computations incident to research, analysis, reporting, or record keeping. Makes tabulations and consolidations. May derive statistics such as rates, percentages, means, standard deviations, and coefficients of correlations, using standard statistical formulas. May draft charts, graphs, and diagrams. May write summary reports and analyses.

Must be skilled in the operation of a calculating machine that performs various mathematical processes, such as multiplication, division, addition, subtraction, and extraction of roots.

Note-Use SSN 055 for operation of adding machine.

## STENOGRAPHER

Takes dictation in shorthand or on a stenotype machine and transcribes notes on a typewriter; performs other general office duties. May act as court reporter.

Must be able to take dictation at a minimum rate of 75 words per minute and to type at a minimum rate of 35 words per minute. Should be familiar with military letter forms.

Tests, charges, repairs, and rebuilds storage batteries. Examines and tests unserviceable batteries. Checks connector terminals, straps, casing, and cell plates to determine feasibility of repair. Charges batteries, testing and checking individual cells at intervals. Disassembles defective batteries, examining cell plates and separators, and replacing eroded or warped parts: reassembles units, replacing cell covers and sealing with melted pitch. Mixes electrolyte, fills cells, and charges repaired batteries.

Must be thoroughly familiar with construction of storage batteries, and the operation and maintenance of charging apparatus.

Performs a variety of surveying duties in the determination of data pertaining to the construction and lay-out of roads, bridges, and buildings, or in artillery units performs such survey operations as locating gun positions and establishing base lines. Sets up and operates such surveying instruments as transit, ali-
dade, level, level rods, stadia rods, compass, and aneroid barometer to measure distances, angles, and differences in elevation on the ground. Measures vertical and horizontal angles, using transit, aiming circle, or similar instruments. Determines distances and elevations by instrument reading and calculations or actual measurement with a steel tape. Keeps field notes, performs mathematical calculations, makes sketches of terrain features when required. Uses plane table, alidade, compass, protractor, and scales to plot various surveyed positions on a map or chart. May supervise a survey party.

Must understand basic surveying operations. Must be competent in use of common surveying instruments. Should be proficient in mathematics, including plane trigonometry.
Note-See also SSN 230.

Performs a variety of surveying duties in the determination of data pertaining to terrain features and topographical measurements to be used in the preparation of maps. Sets up and operates such surveyor's instruments as transit, level, stadia, astrolabe, subtends bar, aneroid barometer, and theodolite to establish angle, distance, geographic position, and elevation of various points on the terrain. Keeps field notes of instrument observations. Computes azimuth, position, latitude and longitude from solar and stellar observations. Computes grid coordinates from latitude and longitude. May do plane table work. May supervise a survey party.

Must understand basic topographic surveying operations. Must be competent in use of astrolabe and theodolite. Should be proficient in mathematics, including plane and spherical trigonometry. Should be able to assemble and interpret aerial photographs.

Note-Thi SSN will be considered primary over SSN 227.

Cuts, fits, alters, and repairs clothing. Sews by hand and by using foot-powered or electrically driven sewing machine. May press finished garments.

Must thoroughly understand construction of clothing.
Note-See also SSN 200. For clothes pressing machine operation only see SSN 302.

TEAMSTER
Drives a team of horses or mules consisting of one or more pairs in draft. Harnesses and unharnesses team. Checks and adjusts harness to prevent occurrence of sores or skin abrasions. Checks cargo adjustment and condition of vehicle. Waters, feeds, and cleans animals.
(Continued on next page)

Must be able to care for animals. Must be able to assemble, disassemble, adjust, and clean harness and related equipment.

Operates a teletype, simplex, or other type of telegraphic typewriter for transmission and reception of communications.

Must be able to operate teletype equipment at a minimum speed of 20 words per minute. Must be thoroughly familiar with the phonetic alphabet, teletypewriter procedures, and cryptographic and transmission security measures.

Installs, inspects, tests, services, and repairs telegraphic typewriting machines, including receiving, transmitting and relay units. Test-operates machine to determine necessary adjustments and repairs; measures spring tensions with finely calibrated scales and corrects tensions in accordance with prescribed standards; measures separation of electrical contact points with metal gauges and adjusts points; cleans and lubricates machine; traces electrical circuits; locates and repairs difficulty. May repair typewriters.

Must have thorough knowledge of circuits and equipment commonly employed for telegraphic transmission.

| TIRE REPAIRMAN | 10 |
| :--- | :--- |
| [TIRE RPRMAN] |  |

Vulcanizes, retreads, or recaps pneumatic tires, and repairs inner tubes.
Must be thoroughly familiar with retread requirements for various size and special duty tires.

Note-See also SSN 316.

Constructs, repairs, maintains, and calibrates machine shop tools, jigs, fixtures, dies, gauges, and instruments; or designs and prepares specifications for such instruments and equipment. Lays out, fits, and assembles tool parts, and performs other highly skilled machine shop work.

Must be highly skilled in the use of machine tools. Must be able to read blueprints. Must have a thorough knowledge of the physical characteristics of metals, and of methods of heat-treating.

Note-Use appropriate title. This job represents a higher skill than SSN 114.

Receives, stores, issues, and keeps account of tools used in a machine or repair shop. Issues tools to workers. Maintains stock cards, showing stock number, quantity credited, and distribution of tools among shop personnel. Arranges tools systematically in bins or racks. Periodically inspects and makes such minor repairs to tools as grinding drill bits, replacing handles, and sharpening axes, saws, and knives.

Must be thoroughly familiar with nomenclature of tools and with shop procedure. Should have general familiarity with regulations governing accountability, responsibility, and supply procedures.

Note-See also SSN's 348, 457, 793, and 848.

## 244

TRACTOR DRIVER
10
Operates a caterpillar or wheel tractor to drag or tow material and equipment. May make minor repairs to tractor, engine, and auxiliary equipment.

Note-See also SSN 359.
TRUCK DRIVER, HEAVY [TRUCK DRIVER, HVY]
Operates one or more of the following vehicles of $21 / 2$-ton capacity or more, used to haul supplies, equipment, or personnel : Trucks, tractor trucks, trailer trucks, busses. Makes minor adjustments and necessary road repairs. May assist in loading vehicle. May operate trucks used to transport gasoline or other fuels.

Must know civilian and military traffic regulations, convoy rules, and road discipline. Must be able to perform driver maintenance. Should be able to read maps and overlays. Should be able to drive over all types of terrain during blackout.

Note-See also SSN 345.
UPHOITSTERER
16
Repairs coverings and replaces worn padding and springs in furniture, trucks, or passenger automobiles. May repair or replace seat covers, tops, tarpaulins, searchlight covers, gun covers, or other canvas, rubberized, and leather materials. May use sewing machine.
Note-See also SSN 609.
Supervises the receipt, handling, storage, and issue of supplies and equipment in a warehouse. Determines best methods of storing and protecting supplies and utilizing space. Routes incoming and outgoing material in warehouse according to priority of need.
(Continued on next page)

Must have thorough knowledge of proper methods of storing supplies and equipment. Must know principles of an efficient locator system. Should have knowledge of warehouse equipment used to move, stack, and load material.

255

WELDER, ELECTRIC ARC [WELDER, ELECT]

6
Fuses metal parts together by means of electric arc welding apparatus to construct metal objects or to repair broken or cracked metal objects.

Must know properties of and must be able to identify various metals. Must be able to read blueprints. Must be able to plan and construct jigs for holding parts together during welding process.

WELDER, COMBINATION<br>[WELDER, COMBN]

Fuses metal parts together to construct metal objects or to repair broken or cracked metal objects; uses electric arc and oxyacetylene welding and burning apparatus.

Must know the advantages and disadvantages of each type of welding and the conditions under which each can be used most advantageously. Must be able to perform the duties of both SSN 255 and SSN 257.

Fuses metal parts together by means of oxyacetylene welding apparatus to construct metal objects or to repair broken or cracked metal objects.

Must know properties of and must be able to identify various metals. Must be able to read blueprints. Must be able to plan and construct jigs for holding parts together during welding process.

> WIRE CHIEF, PERMANENT INSTALLATION [WIRE CHF, PERM INSTAL]

Supervises and coordinates the activities of personnel engaged in the installation, testing, repair, and general maintenance of central office, automatic telephone, and other permanent telephone and telegraph wire systems. Supervises the installation of switchboards, telephone and auxiliary equipment, and the operation of switchboards. Supervises construction and repair of permanent wire lines.

Must be thoroughly familiar with the installation and operation of all central office equipment.

Assists Marines in vocational and educational problems involved in their separation from military service. Studies individual cases and performs such services as analyzing experience and aptitudes and interpreting test results. Recommends suitable fields for civilian employment, and refers Marines to proper civilian agencies for employment services.

Must be thoroughly familiar with personnel classification procedures, military and civilian occupations, required qualifications for various jobs, and opportunities for employment.

Supervises the make-up and break-up of trains in a military railroad yard. Directs train traffic in the yard. Maintains car records and reports.

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

Performs a variety of clerical tasks incident to railway operations, such as preparing and checking waybills, maintaining detailed records of train movements and crew assignments, preparing switching orders, and preparing operational and other reports.

TRANSLATOR (Designated Language)
Performs one or more of the following duties involving knowledge and understanding of a foreign language: Interrogates prisoners; translates written documents into English, or from English into a foreign language; determines importance and value of foreign language materials for intelligence purposes.

Note-In the parenthesis after the title enter the name of the language in which the Marine is proficient; after the SSN, record one or more of the following code letters:

A-Japanese
B-Chinese

Devises accounting systems or executes previously devised accounting systems to control and to show the status of funds; prepares financial statements; audits books; analyzes and verifies finance records to insure against errors or frauds.

Must be thoroughly familiar with various types of bookkeeping systems.

Supervises the loading, stowing, and unloading of ship cargoes. Directs crews of laborers engaged in moving cargo in hold and on wharf by hand, conveyor, hand truck, or platform truck. Directs lifting of cargo into or out of hold, and stowing of cargo securely, using bracing and dunnage.

Must know proper methods of handling, stowing, and protecting ship cargoes. Must know knots, splices, and rigging.
Note-See also SSN 711.

Operates a manual or electric key punch machine to punch holes in tabulating cards used in machine-accounting and record-keeping systems.

Collects newsworthy material and writes news stories and feature articles, describing general and individual action in combat zones, or activities at posts and stations, for use in newspapers, magazines, radio broadcasting, and official historical archives. Aids civilian correspondents in reporting combat news. Furnishes, when required, combat reports for historical records.

Must be thoroughly competent in the gathering of news material and in the writing of news stories and feature articles. Must be thoroughly qualified to recognize newsworthy material and to prepare it according to the best professional standards of newspaper or magazine writing. Must have a general knowledge of the distribution of material to newspapers, newspaper services, and magazines.

Interviews, tests, classifies, and recommends assignment of officer and enlisted personnel. Maintains officer and enlisted Qualification Cards, personnel accounting systems, and related records, such as actual and authorized strength by primary specification serial number. Accomplishes strength reports. Reviews duties of personnel periodically and recommends reclassification to other SSN's when appropriate, or recommends action to be taken to correct misassignments of personnel.

Must be thoroughly familiar with regulations, manuals, and procedures pertaining to personnel classification. Must have general familiarity with Marine Corps personnel administration. Should be familiar with the requirements of all jobs in the unit to which assigned.

Furnishes legal advice, conducts researches in military and civil law, prepares charges, records proceedings, writes opinions, and otherwise assists a Legal Officer (SSN 8101).

Must have general familiarity with legal procedures and with military and civil law. Should have background as lawyer or law clerk.

Note-For other clerks in legal offices use SSN's 055, 213, or 405, whichever is most appropriate.

## 282* * OFFICE MACHINE SERVICEMAN (Designated Machine) 16 [OFFICE MACH SERMAN (***)]

Services, adjusts, and repairs standard types of office machines such as typewriters, adding machines, calculating machines, multigraph, mimeograph, and ditto machines.

Must be thoroughly familiar with the construction of one or more types of office machines.

Note-After the SSN enter one or more of the code letters listed below, and in the parenthesis after the title enter the name of the type of equipment which the Marine is qualified to repair.

A-Typewriter
B-Duplicator
D-Calculator
E-Adding Machine
F-Other

## RECREATION ASSISTANT

18
[RECR ASST]
Plans, organizes, and conducts recreational activities, such as games, competitive sports, entertainments, and musical performances. May procure, store, issue, and maintain athletic and recreational supplies and equipment. May operate clubs and recreation halls. May instruct in the rules and playing techniques of sports.
Note-See also SSN 868 for persons qualified in all respects of special services work.
296

## ARTIST <br> 15

Prepares paintings, murals, drawings, cartoons, posters, maps, charts, or other illustrative materials for public relations, intelligence, recreational, educational, and propaganda purposes.

Conducts investigations of crimes, accidents, sabotage, sedition, espionage, and subversive activities in which military and civilian personnel or property are involved.

Must be tactful and diplomatic. Must know techniques of interrogation and identification and rules of evidence. Must be capable of procuring evidence and information and preparing reports of
investigations and statements. Must know sources of information and most expeditious methods of procuring various types of data.

Note-See also SSN 677.
302* *

> MACHINE OPERATOR (Designated Machine) [MACH OPR $(* * *)]$

Operates one or more machines used to change the shape of metal, wood, or other materials. May check dimensions, using micrometers, gauges, and calipers. Is not a machinist; does not necessarily work in a machine shop or woodworking shop.

Note-After the SSN enter one or more of the code letters listed below, and in the parenthesis after the title enter the names of the machines which the Marine is qualified to operate.

A-Boring Mill
B-Drill Press
D-Lathe
E-Grinder
F-Milling Machine
G-Planer
H-Shaper
J-Doall
K-Clothes Pressing
L-Spot Welding
Y-Other
Certain types of machine operators with different SSN's are described elsewhere in this manual; see alphabetic index for other titles.

Installs, inspects, tests, and repairs electric motors and accessory equipment such as starting devices and switches. May repair generators.

Must understand the principles of operation and construction of electric motors.

Note-See also SSN's 078, 322, and 685.

Takes imprints of fingers and thumbs of individuals on a special fingerprint record card and examines and classifies them. May prepare identification cards and keep records of issuance.
Note-See also SSN 155.
TELEPHONE SWITCHBOARD OPERATOR
Operates a common battery telephone switchboard in a permanent installation to relay outgoing and incoming calls to or from branch telephones; or operates a common battery telephone switchboard at the toll position of an automatic telephone system.
Note-See also SSN 641.

Refuels, lubricates, and otherwise services automobile vehicles and equipment. May repair punctured tubes, clean spark plugs, and replace fan belts, windshield wipers, and other accessories.

Must be familiar with lubricating systems of vehicles and equipment and be able to select proper types of oils and greases to be used.

## ENGINEER EQUIPMENT MECHANIC [ENGR EQUIP MECH]

 6Inspects, repairs, and tests engineer equipment such as bulldozers, angle dozers, road scrapers, ditching machines, road graders, road rollers, cranes, power shovels, air compressors, tractors, concrete mixers, and rock crushers. Diagnoses malfunctioning of equipment, and repairs units, assemblies, and subassemblies such as engine, track, chassis, blades, controls, booms, hoppers, and other parts; disassembles, cleans, adjusts, and installs new or rebuilt parts and reassembles units or subassemblies.

Must be thoroughly familiar with the construction and principles of operation of various kinds of engineer equipment including gasoline- and Diesel-powered equipment.

Installs, maintains, and repairs refrigerating equipment used to manufacture ice or to preserve perishable foods and medical supplies. May install, maintain, and repair air conditioning equipment, ice cream machines, and ice flakers.

Must know general principles of the operation of refrigeration plants. Must be able to repair refrigerating equipment components, such as compressors and condensers, and to make adjustments to and minor repairs on refrigerating equipment power units of the electric motor, gasoline engine, and Diesel engine types.
337

## AUTOMOTIVE REPAIR SHOP CHIEF <br> [AUTO RPR SHOP CHF]

10
Supervises and coordinates the activities of enlisted specialists in an automotive repair shop in the inspection, maintenance, and repair of motor vehicles. Supervises the inspection of incoming equipment to determine nature and extent of needed repairs. Lays out and assigns work and performs more difficult or unusual repair operations. Inspects and tests finished work.

Must be thoroughly familiar with all phases of automotive repair. Must be able to lay out work. Must understand theory, construction, and operation of automotive equipment.

Note-Use SSN 014 for supervision of only first and second echelon repairs.

Installs, maintains, and repairs machinery, machine tools, and other related equipment in a machine shop, repair shop, or other maintenance center. Inspects shop machinery and equipment, makes adjustments, and performs major repairs by dismantling, disassembling, and repairing or replacing worn, damaged, or defective parts. May fabricate replacement parts not found in stock.

Must be able to interpret blueprints and manufacturers' manuals and diagrams. Must be able to operate machine shop equipment and to use mechanics' hand tools and micrometers, gauges, and calipers.

Drives passenger vehicles or motor trucks with a capacity of less than $21 / 2$ tons. Makes minor adjustments and necessary road repairs.

Must know civilian and military traffic regulations, convoy rules, and road discipline. Must be able to perform driver maintenance. Should be able to read maps and overlays. Should be able to drive over all types of terrain during blackout.
Note-Use appropriate title. See also SSN 245.

Receives, stores, and issues automotive spare parts and accessories in a repair shop, supply depot, or warehouse. Makes records of and checks incoming parts; stores parts in bins or compartments in such a manner as to facilitate issue and taking of inventory; issues and keeps record of parts issued. Takes periodic inventory. May receive, store, issue, and maintain tools used in an automotive repair shop.

Must be thoroughly familiar with nomenclature, appearance, and interchangeability of automotive parts. Should know supply procedures and regulations governing accountability and responsibility for government property.

BOOKKEEPER
Keeps a set of books of all business transactions of an organization; balances books, and compiles reports at regular intervals. May perform related clerical duties.
Note-See also SSN's 351 and 820.

Operates a bookkeeping machine to maintain a complete and systematic set of records of all business transactions. May operate a billing machine.

Operates one or more types of engineer equipment such as bulldozer, angle dozer, road scraper, ditching machine, road grader, road roller, crane, power shovel, air compressor, tractor, trailer, concrete mixer, and rock crusher. Lubricates, cleans, and performs minor repairs on equipment.

Must be thoroughly familiar with the operation of both gaso-line- and Diesel-powered engineering equipment.

PROOFREADER
1
Reads proof of type set-up to detect spelling, grammatical, typographical, or compositional errors, checking proof against original copy.

Must know standard proofreader's markings. Must be well versed in spelling, punctuation, grammar, and English usage.

Performs various clerical duties incident to the procurement of supplies and services. Prepares specifications according to standards, draws up invitations to bids, prepares formal and informal contracts, and prepares public vouchers for payment from invoices of material received. May procure supplies necessary for the maintenance of prescribed stock levels.

Must have general familiarity with Marine Corps, Federal Government, and General Accounting Office regulations pertaining to purchasing and procurement.

Sells merchandise in a post exchange, commissary, or other establishment. Assists customers in making selections and receives payment for and wraps merchandise. Displays items; keeps shelves, cases, and counters filled; takes periodic inventories. May perform stock-keeping duties.

Note-Use this SSN for persons in post exchanges or commissaries who are engaged only or primarily in making sales; see SSN's 819 and 820 for more specialized post exchange and commissary personnel.

Determines commercial shipping rates and classification of merchandise. Determines shortest practicable routing between points and computes freight rates and charges, using railroad guides and rate tables. Prepares correspondence relative to quotation of rates on over, short, and damaged shipments. Files claims with transportation companies for overcharges.

Must be thoroughly familiar with methods of determining classification of freight and computation of freight rates.

Note-See also SSN's 573 and 574.

WATCH REPAIRMAN

Repairs and services watches and clocks. Disassembles timepiece; examines parts to discover defects; repairs and adjusts timepiece and replaces defective parts. Cleans and oils timepiece.

As a member of a fire department, operates and maintains fire fighting equipment; performs rescue work; salvages articles of value during a fire; performs resuscitation and administers firstaid. May drive fire truck. May supervise a crew of fire fighters.

Should understand demolition methods in preventing the spread of fires.

LIBRARY CLERK
18
[LIBRARY CLK]
Classifies, catalogues, shelves, and distributes books, catalogues, technical bulletins, periodicals, and films in a library.

Must understand classification and cataloguing system used in particular library. Should understand the Dewey Decimal System.

Note-See also SSN's 561, 847, and 868.

Performs various tasks in the preparation and publication of an established Marine Corps newspaper or magazine, such as collecting facts, interviewing persons, writing stories, and editing materials.

Note-See also SSN 274.

Sets up and operates electrically powered tabulating machines such as horizontal sorters, collators, reproducers, interpreters, and alphabetic tabulators for furnishing statistical and other information pertaining to personnel and records.

Must have general familiarity with machine records procedures. Must be able to wire plug boards and to adjust tabulating machine equipment.

405
CLERK-TYPIST 1 [CLK-TYPIST]
Types correspondence, reports, and other matter from rough draft or corrected copy. May file records and reports, and perform other general office duties.

Must be able to type accurately at a minimum rate of 30 words per minute.

Note-Persons qualifed to operate a varitypewriter will be designated SSN 405A. See also SSN 501.

Performs such duties in a motor pool as scheduling and dispatching motor vehicles used to transport personnel and equipment; maintains service and mileage records. May assign drivers to vehicles.

Should be a fully qualified driver.

411 CHEMICAL LABORATORY TECHNICIAN
[CHEM LAB TECH]
Makes chemical tests on such materials as fabrics, metals, lubricants, paints, and fuels; records test results and furnishes test data; maintains chemical supplies and equipment. May perform physical tests.

Must have general familiarity with chemical testing procedures and a basic knowledge of chemistry. Should have basic knowledge of physics.

Inspects, tests, maintains, and repairs carburetion, ignition, and electrical systems on all types of automotive equipment. Determines causes of malfunctioning. Disassembles, repairs, and replaces worn or damaged parts of carburetors, fuel pumps, starters, coils, panel instruments, and wiring systems. Reassembles and tests units for satisfactory performance.

Must be thoroughly familiar with the construction and operation of automotive carburetion, ignition, and electrical systems. Must be skilled in the use of appropriate mechanic's hand and bench tools and testing devices.

Performs any or all operations incident to the binding of books and pamphlets. Affixes covers to signatures by applying glue to back of forms and joining covers and bodies. Dries books in press. May staple, stitch, or otherwise prepare signatures for binding. May repair books.

## TABULATING MACHINE REPAIRMAN

16 [TABUL MACH RPRMAN]
Makes electrical and mechanical repairs and adjustments to electrically operated punch card accounting machines such as tabulators, sorters, reproducers, key punch machines, interpreters, and collators. Disassembles and repairs machines by replacing defective parts such as gears, generators, motors, and by adjusting feed knives, camshafts, and ratchets.

Must be able to read electrical and mechanical diagrams. Must be able to wire and operate tabulating machines.

432-441
BANDSMAN
4
Plays an instrument in a band or orchestra. Reads music and plays instrument while marching in military formation.
Note-Use appropriate SSN and title for Qualification Card entry. Since there is no relation between rank and instrument played, make entries in Tables of Organization as follows: Bandsman (432-441). Specific SSN's and job titles are as follows:

| SSN- Title- |  |
| :--- | :--- |
| 432 | Bandsman, Clarineit |
| 433 | Bandsman, Cornet or Bandsman, Trumpet |
| 434 | Bandsman, Bass Drum |
| 435 | Bandsman, SNare Drum |
| 436 | Bandsman, Euphonium or Bandsman, Baritone |
| 437 | Bandsman, Flute or Bandsman, Piccolo |
| 438 | Bandsman, French Horn |
| 439 | Bandsman, Saxophone |
| 440 | Bandsman, Trombone |
| 441 | Bandsman, Tuba |
| See also SSN's 020, 021, 175, 176, and 801. |  |

Performs underwater salvage, construction, and demolition work on s'ips, planes, or other submerged objects. Inspects gear before diving, checking valves, lines, connections, and suit.

Performs one or more of the following clerical and technical duties in connection with the operation of a repair shop, an aircraft engineering section, or other maintenance service center. Keeps records of incoming repairs, work orders, and job programs on vehicles, planes, or equipment; expedites flow of work; determines availability of material at all times; prepares reports and correspondence. In Aviation maintains log books for aircraft, engines, propellers, and other aircraft parts and assemblies.

Note-Use appropriate title. For nontechnical clerical personnel in shops use SSN 055 or SSN 405. See also SSN's 242, 348, 793, aná 843 .

Performs one or more of the duties involved in the training of dogs. Eliminates dogs unsuitable for military service; instructs enlisted men in proper care and handling of dogs; trains teams of dogs and dog handlers for any type of military service in which dogs are utilized. May care for and treat sick dogs.

Must have extensive knowledge of the habits, care, and training of dogs.

Note-See also SSN's 873 and 897.

Operates the lumber-sawing machinery in a portable, semiportable, or fixed sawmill. May supervise sawmill crew. May install, adjust, and repair sawmill machinery and equipment.

Maintains and repairs marine engines and equipment, such as propelling machinery, steam, Diesel, gasoline, or electric auxiliaries, pumps, anchor handling gear, steering apparatus, and boilers.

Operates and maintains a gasoline tank farm at or in the vicinity of an airfield or air base. Operates the pumps and valves, directing the flow from the source of supply through the storage tanks to the supply outlet. Gauges fuel storage tanks and makes minor repairs on pumps, valves, and hose or pipe lines. May perform simple tests on petroleum products; may maintain stock records and may submit inventories and reports on amount of gasoline received and distributed.
(Continued on next page)

Must be thoroughly familiar with the operation and maintenance of pumping equipment, with expansion problems, with sediment and water control, and with safety requirements for handling highly inflammable liquids.

Inspects facility areas, activities, machinery installations, and equipment, and enforces safety measures. Investigates accidents and makes recommendations to correct or eliminate causes.

Should be familiar with industrial processes and hazards, with production problems, and with military training requirements and methods.

An enlisted specialist regularly performing duties for which no adequate classification can be found in this manual.

Note-This is a temporary classification to be used only until a reply has been received from Headquarters, Marine Corps, in response to a request for a new MOS and SSN as described in Sections 10 and 14 of Chapter I.

Prepares or supervises the preparation of correspondence, records, forms, and reports, ordinarily working under the direct supervision of a Sergeant Major (SSN 584) or First Sergeant (SSN 585). In a large headquarters, where administrative work is highly sectionalized, may act as chief clerk or assistant in charge of one of the administrative functions.

Must be a qualified typist. Must be capable of preparing payrolls, muster rolls, change sheets, and strength reports. Must know military correspondence forms.

Note-Use SSN 405 for typists whose qualifications are limited only to the preparation of one, two, or three of the reports specified above.

Performs various supervisory and technical tasks incident to the procurement, storage, distribution, handling, transportation, and care of all types of munitions used by ground forces, including explosives and pyrotechnics. May salvage or destroy unserviceable munitions.

Must be thoroughly familiar with small arms and artillery ammunition, grenades, and mines. Must know uses, hazards and safety precautions, and methods of handling, cleaning, storing, and otherwise processing munitions. Must know ordnance ammunition identification code system. Must have general familiarity with publications containing information on munitions.

Note-See also SSN's 901, 911, and 924.

Inspects, adjusts, repairs, and maintains special classified electrical cryptographic equipment (ECM). Tests equipment. Diagnoses cause of malfunctioning. Makes necessary adjustments and repairs to or replacements and substitutions of such items as wiring, relays, keys, jacks, plugs, brushes, switches, rectifiers, gears, pens, and ratchets.

Note-This SSN will not be assigned to any person without first clearing with Headquarters, Marine Corps.

Releases bombs on enemy targets from a bomber plane; adjusts bombsight for such specific conditions as ground speed, elevation, and drift; identifies target; releases bombs when target is seen in correct relation to appropriate markings on bombsight; reports effect of bomb hits to pilot. May fire aerial machine guns.

Must be thoroughly familiar with bombsight, bomb racks, and related equipment. Must be physically qualified for flight duty.

Places markers on a filter board, operations board, or map to indicate the presence, type, direction, and altitude of friendly or enemy aircraft approaching or present in a specified area.

Cleans, oils, services, and repairs small arms such as rifles, pistols, mortars, machine guns and flame throwers. Checks weapons for malfunctioning. Disassembles weapons, and repairs or replaces worn or damaged parts. Lubricates, machines, grinds, and makes precision adjustments of all parts to obtain required clearance and tolerances. Tests repaired weapons by simulated or actual firing.

Must be capable of making all types of repairs to small arms, including fabrication of simple replacement parts with hand tools.

Note-See also SSN 911.

Performs various duties as a member of a team which sets up and operates a particular type of radar set. Manipulates tuning or operating controls while observing readings of oscilloscopes. Plots and reads polar coordinates, and converts polar coordinates to rectangular coordinates.

Must be thoroughly familiar with the principles of detection and identification by radar equipment. Must be thoroughly familiar with procedures for operating the equipment under the handicap of interference from similar equipment or from enemy countermeasure activity, and must understand the procedure for reporting the presence and location of such interference.

Note-After the SSN enter one or more code letters from the following list and in the parenthesis after the title enter the names of the sets which the Marine is qualified to operate:

A-AN/TPS-1B.
B-MK-16.
D-MK-20.
E-MK-33.
F-SCR-268.
G-SCR-270; SCR-271.
H-SCR-527.
J-SCR-584.
K-SCR-602; SCR-602T6.
L-SK-1M.
M—SO-7M; SO-12M.
N-SQ; SN.
P-SP-1M.
R-SW.
S-T-38.
T-Sets taught in Ground Radar Oper Course (SCR-270; SCR-584; SCR-602; MK-16; MK-20; SO-7M; SW; SK-1M; AN/TPS-1B; SP-1M).
U-Sets taught in Avn Radar Oper Course (SCR-270; SCR-602; SCR-527; SK-1M; SP-1M; AN/TPS-1B).

Analyzes, evaluates, and interprets information regarding enemy or friendly flights which has been plotted on filter board, operations board, or map. At the supervisory level may coordinate the activities of enlisted personnel in the air defense control center or ground control intercept (GCI) station.

Instructs personnel in the recognition of all types of friendly and enemy air and surface craft by distinguishing markings, silhouettes, sounds of motors, and construction. May use still or motion pictures as training aids.

Must be thoroughly familiar with all methods of identifying air and surface craft.

Note-See also SSN 847.

PAINTER, AIRCRAFT
[PAINTER, AIR]
Cleans surfaces of airplanes and applies paint, using brush or spray gun. Mixes paints. May apply dope to fabric surfaces. May do striping and lettering.

Must be able to mix and apply antirust or waterproofing compounds. Must be able to disassemble and to maintain spray gun and related equipment.

BASIC
21
An enlisted person who does not possess sufficient military experience or training to warrant assignment of another SSN. May perform a variety of tasks not requiring specialized training or experience.

Note-Persons with this SSN will constantly be observed to determine their potentialities, and whenever possible will be developed int. militar: specialists and duly reclassified when qualified.

As regularly assigned duty, stands guard or acts as watchman at a post, base, air station, or reservation. May use a motor vehicle or horse when patrolling large areas.

Note-This SSN will rarely be primary except for Class IV Reserves. Normally this SSN will be used only to indicate current duty assignments. See also SSN 873.

Cuts, forms, and installs plastic glass on aircraft. Uses powerdriven saws, sanding machines, hydraulic presses, steam equipment, and hand tools.

Must understand properties, uses, and limitations of plastic glass. Must be able to cut, form, and insert plastic glass in frames.

Repairs one or more of the various types of string, brass, woodwind, or percussion musical instruments.

Must be thoroughly familiar with the construction of musical instruments.

Inspects, repairs, cleans, lubricates, and maintains airplane hydraulic brakes, landing gear, and actuating systems. Inspects lines for leaks and tightens connections; examines fluid reservoirs on propellers, brakes, and other units, and adds fluid as required.

Must be thoroughly familiar with the principles of hydraulics and with the construction and operation of various airplane hydraulic systems.

Note-After the SSN enter one or more code letters listed below, and in the parenthesis after the title enter the airplanes which the Marine is qualified to repair. In order to be as igned a particular code letter a Hydraulic Mechanic, Aircraft need not be qualified on all of the airplanes listed for that code letter; training or experience on any one airplane in a code letter group entitles him to the code letter designation.

A-Basic. General training, no experience on specific planes. To be deleted entirely upon acquisition of another code letter.
B-F6F-3; F6F-5; F6F-6.
D-F4U-1; F4U-1D; F4U-4; FG-1; F3A-1.
E-SBD-3; SBD-4; SBD-5; SBD-6.
F-SB2C-1; SB2C-1A; SB2C-2; SB2C-3; SB2C-4; SB2C-5; SBW-1; SBW-3.
G-SNJ-1; SNJ-2; SNJ-3; SNJ-4; SNJ-5.
J—PBJ-1C; PBJ-1D; PBJ-1G; PBJ-1H; PBJ-1J.
L-R5C-1.
M-R4D-1; R4D-2; R4D-3; R4D-4; R4D-5.
N-R5O-1; R5O-2; R50-3; R5O-4; R5O-5; R5O-6; PV-2.
P—TBF-1; TBF-1C; TBM-1; TBM-1C; TBM-3.
R-F7F-1; F7F-2.
T-JM-1.
530
DRAFTSMAN, SIGNAI.
5 [DRAFTSMAN, SIG]
Prepares circuit diagrams, drawings, and sketches for the wiring of communication systems and electrical equipment; compiles data from aerial, topographic, or other maps to plot wire alinements, and to make maps, line route maps, and overlays.

By means of explosives, destroys such military objects as bridges, roads, road blocks, and buildings. Uses explosives to create road blocks, to clear areas, or to assist in the construction of gun emplacements. Uses mine detectors to locate enemy land mines, and neutralizes them. Prepares and neutralizes booby traps. May operate and maintain flame throwers.

Must be thoroughly familiar with the safety precautions to be taken in the handling and use of explosives. Must be able to determine the size, type, and placement of explosives to be used according to the object to be demolished.

Assists chaplain in the preparation and conduct of religious programs and entertainments; performs general clerical and typing duties. May play musical instrument, sing, or organize musical portion of religious services.

Must be able to type.

## COMMUNICATION CHIEF

5
[COM CHF]
Supervises a communication section or larger unit in the installation, operation, maintenance, and repair of equipment used in wire, radio, message center, and air-ground contact communication facilities.

Must be thoroughly familiar with all aspects of field wire, radio, and message center operation, and with the installation and repair of equipment necessary to maintain such communication activities.

As a full-time assignment performs a variety of duties incident to the operation of a barracks. Takes morning muster and makes up morning reports; distributes mail; answers telephone calls; maintains log book, liberty list, sick list, and wake-up list; maintains directory of all personnel billeted in the barracks with such information as bunk number, place of work, and telephone number; inspects barracks periodically throughout the day; accompanies inspecting parties through barracks; keeps notices on bulletin board current; supervises evacuation of barracks in case of fire or fire drill; assigns new personnel to bunks.

Note-This SSN will normally be carried as primary only by Women Reserves.

Combines the duties of Photographer, Aerial (SSN 940) and Aerial Gunner (SSN 611).

Must be thoroughly qualified as described for both SSN 940 and SSN 611.

Combines the duties of Photographer, Aerial (SSN 940) and Turret Gunner, Aviation (SSN 714).

Must be thoroughly qualified as described for both SSN 940 and SSN 714.

Repairs or replaces fabric covering of fuselages, wings, elevators, and other aircraft surfaces, and applies dope to covering with brush or spray gun.

Must be thoroughly familiar with methods of covering aircraft parts with fabric to make them serviceable for flight.

Repairs all types of damage to wooden aircraft parts and assemblies, and in emergencies improvises repairs from wood for metal aircraft.

Must have a thorough knowledge of the characteristics of various woods and be able to splice, glue, and shape wood accurately.

Directs air traffic at an air station or flying field. Communicates with pilots by means of voice radio, code, or hand-operated signal lights. Keeps pilots in flight informed on local weather conditions.

Must have knowledge of code and voice procedure as well as rules and regulations governing control tower operation.

Inspects, repairs, or replaces damaged sheet metal surfaces, rigging, and light metal fittings of airplanes. May perform major repairs such as reconstructing badly damaged wings, elevators, hatches, and metal cowling, and replacing ribs in wings.

Must have general familiarity with aircraft construction. Must thoroughly understand methods of arresting cracks, cold riveting, welding, and patching airplane sheet metal.

Combines the duties of Mechanic, Aircraft (SSN 747) and Turret Gunner, Aviation (SSN 714).

Must be thoroughly qualified as described for both SSN 747 and SSN 714.

Performs one or more of the various technical specialties incident to the production of motion pictures and film strips, such as: Scenario writing; caption writing; technical clerical work related to photographic services; directing; film cutting; film editing; animation, including the operation of the animation camera; art work for motion pictures and film strips; sound track recording, including the operation of sound-recording equipment and process projector; motion picture processing and printing; film strip processing and printing; studio carpentry; miniature and model building; electrical work related to motion picture production, including the operation of electric generator; sketching battle progress; librarian for still and motion picture archives; picture classification; picture filing; and property management.

Notr-See also SSN's 043 and 941.
INSPECTOR, AIRCRAFT PARTS AND ACCESSORIES
[INSP, AIR PARTS \& ACCES]
Performs routine inspections of new, used, and salvaged aircraft parts and accessories such as valves, gaskets, and bearings. Upon receipt, and preparatory to use or shipment, examines the condition of the articles and reports breakage, damage, or other substandard conditions.

Should be familiar with the nomenclature and general appearance of parts or accessories being inspected.

ARMORER-TURRET, GUNNER, AVIATION
3 [ARMR-TURRET-GUNNER, AVN]
Combines the duties of Armorer, Aircraft (SSN 911) and Turret Gunner, Aviation (SSN 714).

Must be thoroughly qualified as described for both SSN 911 and SSN 714.
564
CRASH:CREWMAN
3
Performs rescue, fire-fighting, resuscitation, first aid, and other emergency duties at scene of airplane crashes or other disasters.

Must be qualified to render first aid treatment and must be thoroughly familiar with methods of performing rescue missions under dangerous conditions.

Note-See SSN 118 for operation of crash boats.

Performs various supervisory duties in the policing of buildings and grounds. Inspects areas for need of policing. Requests personnel for working parties and assigns duties. Supervises such outside activities as the collecting of trash and garbage, the cutting and watering of lawns, the trimming of shrubbery, and the
freeing of areas of leaves, snow, and rubbish. Supervises such inside activities as cleaning offices, barracks, showers, heads, woodwork, windows, and such minor maintenance as does not require the services of the regular maintenance crew.

Performs various duties in the receipt, storage, and issue of the property of a unit. Receives requisitions for such supplies as clothing and individual equipment, procures them from the supply section of the next higher echelon, and issues supplies to individuals. Checks incoming and outgoing supplies, stores them in bins or racks, maintains property accounts, takes inventories, and submits periodic reports of status of unit property. May perform additional duties of Police NCO (SSN 565).

Must have general familiarity with regulations governing property accounting at the unit level, classes of government property, supply procedures, and proper methods of storage of supplies.

Installs, inspects, services, repairs, and maintains radio mechanisms of remote control target planes. May make other mechanical or structural repairs or adjustments.

Must be thoroughly familiar with radio equipment used in connection with remote controlled target planes.

# TARGET AIRCRAFT PARACHUTE PACKER [TARG AIR PARA PKR] 

Inspects, repairs, and repacks radio-controlled airplane target parachutes. Unpacks parachute and inspects pilot chute canopy, shroud lines, and other parts for wear, minor rips, tears, and strains. Replaces bent pins and other parts that cannot be repaired. Dries and ventilates chutes periodically.

Must be able to determine the serviceability of target parachutes. Must be familiar with methods of care and preservation of parachutes under various climatic conditione.
Note-SSN 620 will be primary for persons qualified in both SSN 620 and SSN 570.
573

> FREIGHT TRANSPORTATION CLERK [FRT TRANSP CLK]

Performs various clerical duties incident to freight transportation by rail, water, or air. Prepares bills of lading, keeps demurrage records, orders, checks, and diverts movement of freight cars from one destination to another by advising proper railroad. May perform additional duties of Passenger Transportation Clerk (SSN 574).

Must have general familiarity with regulations pertaining to freight transportation, including rates, routings, and land grant deductions. Must know classifications of merchandise.

Note-See also SSN's 379 and 575.
PASSENGER TRANSPORTATION CLERK 16 [PASSENGER TRANSP CLK]
Performs various clerical duties incident to passenger transportation. Fills out transportation requests, arranges for transportation facilities, procures tickets, and issues transportation vouchers.

Must have general familiarity with regulations pertaining to passenger transportation, including rates, routings, and allowances.

Note-See also SSN 575.
575
QUARTERMASTER DISBURSING CLERK 16 [QM DISBURS CLK]
Performs various clerical duties incident to the collection of accounts due to and the payment of accounts owed by the Quartermaster. Audits vouchers for payment of materials received or services performed. Maintains schedules of collections and disbursements. Decides, within limits prescribed by the disbursing officer, questions of legality, propriety, form, procedure, and method of payment. In small units may perform transportation duties, such as arranging for passenger and freight transportation in addition to disbursing duties.

Must have general familiarity with Marine Corps, federal government, and General Accounting Office regulations pertaining to disbursing.

## SUPPLY RECORDS CLERK [SUP RECORDS CLK]

16
Performs various clerical duties at Headquarters, Marine Corps, a depot, or other large supply installation incident to the operation of the Quartermaster supply system, requiring a knowledge of one or more phases of Quartermaster Department procedure, and not covered by one of the other classifications in this manual. Performs such duties as: Maintenance of records pertaining to the status of supplies and equipment by posting records of inventory reports, invoices, and receipts on property accounts or stock record cards; maintenance of voucher registers, applying voucher numbers to articles received and shipped; checking invoices; taking cycle inventories.

Must have general familiarity with the clerical aspects of the Quartermaster supply system and with regulations pertaining to the accountability and responsibility for government property.

Nore-See also SSN's $371,379,573,574,575,582,639,819$, and 821.

Performs various stockroom duties incident to the handling of signal supplies. Receives incoming signal supplies; checks supplies against requisitions, invoices, and bills of lading; stores supplies in bins, racks, or compartments, arranging items in such a manner as to facilitate issue and taking of inventories, and to provide maximum protection against damage and deterioration; receives and fills requisitions; maintains such stock records as are kept in the warehouse or stockroom; and takes inventories. May also crate, pack, and ship signal supplies.

Must be thoroughly familiar with signal equipment. Must know nomenclature of equipment. Must have general familiarity with warehousing procedure. Should have general familiarity with regulations governing accountability and responsibility for government property.

Nots-Technicians qualified to repair and maintain signal equipment will retain their technical SSN's as primary. See also SSN 735 for persons who do not meet minimum qualifications as set forth above.

Performs various duties incident to the making of physical inventories of supplies and equipment. Supervises and assists stock handling personnel in taking inventories according to prescribed procedures. May operate as a member of a mobile inventory crew taking annual inventories, or may be permanently assigned to a unit as supervisor of a cycle inventory crew. May check on warehouse, stock control, and inventory procedures, and recommend changes.

Must be exceedingly accurate. Must be thoroughly familiar with inventory practices and procedures. Must know stock classification. Should have sufficient knowledge of warehousing and stock control to be able to make recommendations for changes that would facilitate the taking of inventories.

Performs various stockroom duties incident to the handling of engineer supplies other than spare parts. Receives incoming engineer supplies; checks supplies against requisitions, invoices, and bills of lading; store supplies in bins, racks, or compartments, arranging items in such a manner as to facilitate issue and taking of inventories, and to provide maximum protection against damage and deterioration; receives and fills requisitions; maintains such records as are kept in the warehouse or stockroom, and takes inventories. May also crate, pack, and ship engineer equipment.

Must be thoroughly familiar with engineer equipment other than spare parts. Must know nomenclature of equipment. Must have general familiarity with warehousing procedure. Should have general familiarity with regulations governing accountability and responsibility for government property.

Note-Technicians qualified to repair and maintain engineer equipment will retain their technical SSN's as primary. See also SSN 793. See also SSN 735 for persons who do not meet minimum qualifications as set forth above.

584
SERGEANT MAJOR 1
[SGT MAJ]
As senior noncommissioned officer, supervises the administrative functions in the headquarters of a battalion, aircraft group, or larger unit. Supervises and coordinates such clerical work as preparation of correspondence, records, reports, schedules, and duty rosters. Advises First Sergeants (SSN 585) of subordinate units on administrative procedures and consolidates their work.

Must be thoroughly familiar with administrative procedures and with the preparation of all required records, reports, forms, and correspondence.

Note-The rank of Sergeant Major is not a prerequisite to certification in this SSN, provided the individual is qualified, nor does the rank of Sergeant Major automatically indicate that the Marine is qualified for such certification.

FIRST SERGEANT
[FIRST SGT]
As senior noncommissioned officer of a company, squadron, or unit of comparable size, exercises general supervision over the activities of the enlisted personnel in the unit. Supervises and coordinates such clerical work as preparation of correspondence and reports, schedules, and duty rosters. Maintains discipline, conducts drills and instructions, and handles the organization in the barracks and in the field, as directed by the commanding officer.

Must be thoroughly familiar with administrative procedures and with the preparation of all required reports, records, forms, and correspondence. In combat units should be familiar with the tactical employment of the organization.

Note-The rank of First Sergeant is not a prerequisite to certification in this SSN, provided the individual is qualified, nor does the rank of First Sergeant automatically indicate that the Marine is qualified for such certification.

ROCKET CREWMAN
2
As a member of a rocket crew, loads, aims, fires, and maintains rocket launching equipment other than aircraft or "bazooka" type launchers. Inspects, cleans, fuses, and otherwise prepares and maintains rocket ammunition. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more rocket projectors and their crew members.
(Over)

Must be capable of performing all of the basic duties in a rocket crew.

Note-See also SSN's 794 and 911.

As chief noncommissioned officer in the operations section of an engineer unit supervises the office activities and coordinates the office work with the field work of an engineer unit. Assists and instructs draftsmen in the preparation of plans and drawings, assigns surveying crews in the determination of data used in construction projects, estimates material and manpower needs, and keeps records of projects.

Must be thoroughly familiar with methods of accurately estimating material and manpower needs for various types of construction projects. Must be able to read maps, blueprints, and engineer's notes. Must be thoroughly familiar with engineering and construction principles.

Performs one or more duties incident to the operation of instruments or equipment used in the collection or compilation of firing data for a light antiaircraft gun. Operates such instruments as the M-5 or M-6 director used in conjunction with a 40 mm or similar light antiaircraft gun. May operate power generator furnishing power for directors. May supervise a crew in setting up, adjusting, and operating light antiaircraft fire control equipment.

Must understand basic principles of antiaircraft fire control and must know proper use of fire control equipment used in conjunction with light antiaircraft guns.

Performs one or more duties incident to the operation of instruments or equipment used in the collection or compilation of firing data for a heavy antiaircraft gun battery. Sets up, operates, or assists in the operation of such instruments as the M-7 director, height finder, or BC telescope; performs such related fire control duties as are required in the operation of the 90 mm or similar heavy antiaircraft gun. May operate power generator furnishing power for directors. May supervise a crew in setting up, adjusting, and operating heavy antiaircraft fire control equipment.

Must understand basic principles of antiaircraft fire control and must know proper use of fire control equipment used in conjunction with heavy antiaircraft guns.

Note-See also SSN 692.

Performs one or more of the duties incident to the driving, operation, firing, and minor maintenance of such full-track selfpropelled weapons as the 105 mm howitzer motor carriage. May perform supervisory duties involving the control, coordination, and tactical employment of one or more weapons and their crew members.

Must be capable of performing all of the basic duties in the howitzer crew.

Note-See also SSN 610.
[FRT LOAD MAN]
Supervises the loading of freight into railway cars and trucks. Computes loads, determines how to stow loads in type of carrier involved, and supervises laborers in loading and securing of cargo, using bracing and dunnage.

Must know correct methods of loading various types of freight for shipment.

601

## HEAVY ANTIAIRCRAFT GUN CREWMAN

2
[HVY AA GUN CREWMAN]
Performs one or more duties incident to the loading, aiming, firing, and minor maintenance of a heavy antiaircraft gun such as the 90 mm , or aboard ship, such guns as the $5^{\prime \prime} / 38$ cal. or $5^{\prime \prime} / 25$ cal. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more heavy antiaircraft guns and their crew members.

Must be capable of performing all of the duties in the gun crew.

Performs one or more duties incident to the loading, aiming, firing, and minor maintenance of an artillery piece, such as the $75 \mathrm{~mm}, 105 \mathrm{~mm}$, or 155 mm howitzer used as field artillery. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more howitzers and their crew members.

Must be capable of performing all of the duties in the howitzer crew.

Note-See also SSN 845.
[MG CREWMAN]
Loads, aims, fires, cleans, and maintains, a .30 cal. or .50 cal. machine gun to provide automatic direct, indirect, or overhead fire in ground operations in support of tactical units breaking through
enemy defense, harassing enemy troops and positions, and in defense against enemy aircraft, light armored vehicles, and enemy counterattack. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more machine guns and their crew members.

Must be capable of field stripping, assembling, reducing stoppages of, and performing minor maintenance on weapon. Must be capable of making rapid and accurate range estimations, and of determining the speed of moving targets. Must know safety precautions pertaining to overhead fire. Should be proficient in the use of hand weapons, such as rifle, automatic rifle, carbine, pistol, bayonet, and hand grenade. Should be proficient in the techniques of hand-to-hand combat.

As a member of a machine gun crew, loads, aims, fires, and maintains an antiaircraft machine gun such as the .50 cal. or the 20 mm . May perform supervisory duties incident to the control, coordination, and tactical employment of one or more antiaircraft machine guns and their crew members.

Must be capable of field stripping, assembling, reducing all ordinary stoppages of, and performing minor maintenance on weapon. Must be capable of making rapid and accurate range estimation, and must be able to determine the speed of moving targets.

Note-See also SSN 604.
607
MORTAR CREWMAN
8
Sets up, aims, fires, cleans, and maintains a 60 mm or 81 mm mortar. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more mortars and their crew members.

Must be capable of mounting and dismounting mortar and performing minor maintenance on weapon. Must be able to estimate range and deflection rapidly and accurately and to use firing table. Must be thoroughly familiar with sight employed and with the techniques of seating and sight setting. Should be proficient in the use of hand weapons, such as rifle, automatic rifle, carbine, pistol, bayonet, and hand grenade. Should be proficient in the techniques of hand-to-hand combat.

609
CANVAS AND LEATHER WORKER
16
Lays out, cuts, sews, and fits canvas and leather materials in the manufacture and repair of harness, saddles, tents, tarpaulins, seat covers, and covers for equipment. May repair canvas and leather working machinery.

Should be familiar with the care and preservation of canvas and leather materials.

Operates as a member of a crew that fires and maintains such antitank weapons as 37 mm or 75 mm guns. May drive a halftrack or truck. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more antitank guns and their crew members.

Must be capable of performing all of the duties in the gun crew.
Note-See also SSN 597.

## 611

AERIAL GUNNER
9
Loads, aims, and fires free or flexible machine guns in an airplane at aerial and ground targets; adjusts sights and corrects fire by tracer control.

Must be able to identify friendly and enemy aircraft. Must pass flight physical examination.

Note-See also SSN's 546, 612, 748, 757, and 758.
612
ARMORER-GUNNER, AVIATION
3
[ARMORER-GUNNER, AVN]
An aircrewman who performs the duties of both Armorer, AirCraft (SSN 911) and Aerial Gunner (SSN 611).

Must be fully qualified as described for both SSN 911 and SSN 611.

620 PARACHUTE RIGGER 3
[PARA RIGGER]
Inspects, repairs, and rigs parachutes and harness. May repair life jackets, life rafts, and similar equipment.

Must have a CMC letter of designation or be a graduate of a recognized parachute rigger school.

Note-See also SSN 570.
622
PAYMASTER CLERK
19
[PM CLK]
Performs one or more tasks in a pay office, such as maintaining accounts of collection and disbursements, typing checks and reports, auditing vouchers for pay, allowances, and travel expenses, and performing other technical clerical duties according to approved procedures.

Must have general familiarity with regulations and procedures concerning disbursement of government funds by the Paymaster Department.

Note-This SSN will be assigned only to paymaster enlisted personnel.

Operates and maintains mobile flood or field lighting equipment for illuminating airfields. Performs all minor maintenance on the lights and power supply unit as well as on the automotive unit on which it is mounted.
(Continued on next page)

Must have a thorough knowledge of landing signals, must be able to adjust direction and focus of light beams, and must be familiar with procedures for properly locating the lights.

631
INTELLIGENCE CLERK, AVIATION
[INTEL CLK, AVN]
Assists in the collection, preparation, processing, and dissemination of air combat and military intelligence material. Prepares and processes correspondence. Posts, traces, copies, and maintains maps. Maintains intelligence files and journals.

Must have basic knowledge of intelligence procedures in Aviation, security regulations, map reading, and principles of military correspondence. Should be familiar with drafting instruments and film or slide projectors.

Note-See also SSN 636.

Maintains and repairs antiaircraft searchlight and accessory equipment, including control station, power generator, and connecting cables. May maintain and repair sound locators.

Must be capable of making all types of electrical and mechanical repairs to searchlight equipment, including fabrication of simple replacement parts.

Performs one or more duties incident to the collection, evaluation, interpretation, and distribution of information regarding enemy activities. Singly, or as a member of a small group, observes enemy activity from an observation post, or on foot, and reports on the information gained, using maps, charts, diagrams, and written or verbal descriptions. May operate car or motorcycle. May maintain situation maps, prepare reports, and perform other technical clerical duties to assist the intelligence officer. May perform supervisory duties involving the control, coordination, and tactical employment of scouting or reconnaissance crews.

Must be able to read maps and aerial photographs, make sketches, and use compass and field glasses. Should be capable of estimating strength of enemy forces and of arriving at a logical conclusion as to their probable intentions.

Note-For routine clerical duties in the intelligence section use SSN's 055, 213 , or 405 , whichever is most appropriate. See also SSN's $076,267,631$, and 890.

Supervises supply personnel in the performance of, or personally performs the more difficult of a variety of clerical and stockroom duties incident to the requisition, procurement, receipt, storage, issue, salvage, and transportation of supplies and equipment.

Must have general familiarity with all phases of Quartermaster work including clothing, general property, subsistence, disbursing, procurement, and transportation. Must be familiar with all basic Quartermaster supply procedures and regulations. Must be capable of accomplishing all basic Quartermaster forms incident to the supply function.

Noti-Normally personnel will not be qualified for this SSN until they reach the rank of Supply Sergeant.

Performs one or more duties incident to the installation, operation, or maintenance of a wire communication system, such as laying, maintaining, and taking up wire or cable, and installing, maintaining, and operating a portable magneto type of common battery switchboarod. May erect poles and string wires. May operate heavy line construction equipment such as earth-boring machines, pole jacks, derricks, and winches. May install and maintain sound ranging equipment used in field artillery.

Must have a general familiarity with field telephone operation and equipment.

642
CODE TALKER
5
Transmits and receives messages in a restricted language by radio and wire. Sends and receives messages by means of semaphores and other visual signal devices. May perform field lineman, switchboard operator, or other communication duties.

Receives and files copies of flight orders; receives clearance flight data from control tower and furnishes information to operations officer and pilots; logs incoming and outgoing flights.

Must have a working knowledge of the standard procedures and practices involving clearance of aircraft.

Performs one or more duties incident to the collection or compilation of field artillery firing data. Operates such instruments
as aiming circle, azimuth instrument, battery commander's telescope, one-meter base range finder, field glass, and pocket compass; interprets metro message; uses graphical firing table to assist battery commander in making trigonometric and ballistic calculations to obtain data for the preparation and conduct of artillery fire; performs related fire control duties as required, such as sound or flash ranging observation or survey operations. May supervise a crew in setting up, adjusting, and operating field artillery fire control and survey instruments.

Must understand basic principles of field artillery fire control and proper use of field artillery fire control equipment.

Inspects, tests, and repairs telephone and telegraph equipment such as telephone subsets, telegraph instruments, telephone switchboards, and associated equipment used in a field telephone system. May supervise the installation, operation, and maintenance of a field wire system.

Must be thoroughly familiar with all aspects of field wire communications.

Note-See also SSN 648.

Inspects, installs, tests, and repairs all signal and telephone and telegraph equipment such as radio transmitting and receiving instruments, telephone subsets, telegraph instruments, telephone switchboards, and teletypewriters. Combines the duties of Telephone Electrician (SSN 646) and Radio Technician (SSN 649).

Must be fully qualified as described for both SSN 646 and SSN 649.

Maintains and repairs all types of radio equipment, such as fixed station and field radio transmitting and receiving apparatus and aircraft transmitting and receiving equipment. May test and repair radio and auxiliary equipment used with high frequency direction finders. May maintain and repair radar equipment.

Must be a graduate of the Advanced Radio Matériel course at Treasure Island, San Francisco, California or Bellevue, Anacostia, D. C., or have had comparable training. See SSN 174 for less skilled radio repairman. See also SSN 648.

Inspects, installs, tests, operates, and repairs radio sets, amplifying equipment, and antennae used in telephone systems as radio links in areas in which continuous wire lines are impractical. Selects sites, sets up, and joins radio sets with connecting wire lines. Adjusts antennae. Makes all adjustments, repairs, improvisations, and replacements necessary to keep radio link in operation.

Must have general knowledge of the theory of operation of radio link equipment.

AERIAL MINE WORKER
$s$
Assembles, loads, and prepares aerial mines, and assists in the receipt, storage, and maintenance of mine parts.

Must be able to arm and disarm various types of aerial mines. Must be thoroughly familiar with safety regulations governing the handling of high explosives.

## LINK TRAINER INSTRUCTOR [LINK TRNR INSTR]

By means of a Link trainer, instructs pilots in the techniques of instrument flying; explains operation of trainer; observes and criticizes student performance. May perform minor maintenance.

Must be able to evaluate trainee's performance and to recommend procedures for correction of faults.

$$
659
$$

INSTRUCTOR (Designated Specialty)
21 [INSTR (***)]
Gives instruction at a service school, training center, or field unit in one or more subjects for which there is no combat or operational MOS counterpart, and for which there is no specific instructional MOS listed elsewhere in this manual.

Note-Before using this SSN, see Section 7 of Chapter I.
Titles of subjects taught will be entered in the parenthesis following the job title.

$$
660
$$

TANK
[TK MECH]
Inspects, services, and makes all manner of repairs and replacements on gasoline- or Diesel-powered tanks, excluding repairs to the armament, armament accessories, and communication equipment. May repair such armored full-track vehicles as the 105 mm howitzer motor carriage. May maintain and repair other types of vehicles in a tank unit.

Must be thoroughly familiar with tank construction. Must have knowledge of the theory, construction, and operation of tank engines, and be competent to perform major repairs.
Note-See also SSN 907.

Stores, tests, loads, maintains, and overhauls aerial torpedoes; assembles exploders and adjusts torpedo mechanisms.

Must be able to make mechanical adjustments within close tolerances. Must be familiar with safety regulations governing handling of high explosives.

FUEL TANK REPAIRMAN
Inspects and repairs self-sealing and other types of fuel tanks. May repair rubber boats and other rubber equipment.

Must be thoroughly familiar with the methods of treating rubber, leather, plywood, and other materials used in fuel tanks. Should be able to do sheet metal work.

Performs one or more of the duties involved in the operation of a message center, such as receiving, dispatching, logging, distributing, and delivering messages, communications, and publications. May encipher and decipher or encode or decode messages, using all types of cryptographic systems and equipment. May type messages and dispatches. At the supervisory level is responsible for control and coordination of message center operations and personnel.

Must have a thorough knowledge of message center procedures, and a general knowledge of the methods of operation of the various communication agencies.

Organizes and controls motor convoys by instructing and directing drivers and by supervising the loading, fueling, and road maintenance of the vehicles.

Must be a qualified truck driver. Must be able to read maps and overlays, and use compass.

This SSN is a temporary designation for enlisted persons who have had general training in organization, procedures, forms, and administrative practices of the entire Quartermaster Department, but who are not as yet qualified in one of the more specific military specialties described elsewhere in this manual, as for example,

SSN's 371, 379, 573, 574, 575, 580, 581, 582, 583, 639, 735, 740, $819,821,844$, or 978 . Marines with this SSN should be closely observed and should be reclassified to a more appropriate SSN as they develop skill and become competent in a more specific specialty.

This SSN will not be assigned to men in the field. It will not appear in Tables of Organization, and it will not be used to requisition personnel unless an explanation of the duties to which the Marine is to be assigned accompanies the request.

MILITARY POLICEMAN
Performs various duties in the enforcement of military laws and regulations, the maintenance of order, the control of traffic, the collection and custody of prisoners of war, and the apprehension, custody, and disposition of stragglers, absentees, deserters, prisoners and other offenders. May supervise other Military Policemen in police or prison duties.

Must be thoroughly familiar with laws, rules, and regulations that are to be enforced. Must know regulations and procedures pertaining to the operation of brigs, prisons, and stockades.

Note-See also SSN 301.

Tests, maintains, and repairs electric or hydraulic airplane power turrets, gunsights, and auxiliary equipment; keeps turret hydraulic system filled with oil; replaces defective fuses; aligns or replaces gunsights.

Must be thoroughly familiar with the principles of the various types of electric or hydraulic power turrets and the minimum standards of satisfactory operation.

Note-After the SSN enter one of the code letters listed below, and in the parenthesis after the title enter the type of turret which the Marine is qualified to repair.

E-Electric.
H-Hydraulic.
B-Electric and Hydraulic.

Tests, diagnoses, and corrects malfunctioning of gyro, pneumatic, and hydraulic phases of automatic pilots. Removes and replaces defective parts.

Must be familiar with flight control mechanisms of airplanes.
Note-This SSN will be primary for a Marine who is also qualified for SSN 683. See also SSN 961.

Installs and removes bombsight before and after missions; cleans, adjusts, and services instrument at regular intervals; keeps records of bombsight operation. May service bomb-release mechanisms, gunsights, gun and torpedo cameras, torpedo directors, optical gunsights, computing gunsights, and turrets.

Must be skilled in the use of small hand tools. Must be familiar with security measures relative to the use and storage of bombsights. Must be familiar with flight control mechanisms of airplanes.

Note-Marines with SSN 683 who have completed a course in automatic pilot equipment should carry SSN 682 as their primary SSN.

## 684* * ENGINE OVERHAUL MECHANIC, AIRCRAFT (Designated Engine)

 [ENG OVERHAUL MECH, AIR (***)]Inspects and performs overhauls and major repairs on aircraft engines. Diagnoses malfunctioning; makes such repairs as reboring cylinders, replacing and reseating valves and valve inserts, fitting connecting rods and wrist pins, reseating and adjusting bearings, refacing blocks or cylinder heads, and testing engines; adjusts and repairs carburetors, superchargers, injectors, fuel and oil pumps, and ignition units; makes unit replacements of defective engine parts. Performs the more difficult engine repairs and adjustments which cannot be handled by an ordinary Mechanic, Aircraft (SSN 747).

Note-This SSN will be primary to SSN 747.
After the SSN enter one of the code letters listed beiow, and in the parenthesis after the title enter the type of engine which the Marine is qualified to repair.

A-Pratt and Whitney.
B-Wright.
D-Pratt and Whitney; Wright.

Diagnoses and locates trouble in aircraft electrical systems (not including radio systems). Inspects, maintains, and repairs such electrical equipment as lights, magnetos, generators, and auxiliary motors.

Must be thoroughly familiar with aircraft electrical systems and with basic electrical theory. Must be able to read blueprints.

Inspects, tests, maintains, and repairs electrical and mechanical aircraft navigation and engine instruments. Checks accuracy of zero settings and condition of dials, pointers, and mountings. May calibrate deviation charts.

Must be familiar with the construction and principles of operation of various types of pressure, vacuum, electric, spring, and hydraulic gauges.
Note-See also SSN's 381, 682, and 961.

Removes, inspects, cleans, balances, repairs, and replaces airplane propellers. Examines and polishes blade surfaces; makes checks for proper tracking and balance; adjusts and replaces component parts of automatic pitch control mechanisms. May repair the wiring, brushes, and relays of electrically controlled propellers.

Must be thoroughly familiar with prescribed standards of propeller repair and maintenance.

Note-After the SSN enter one of the code letters listed below, and in the parenthesis after the title enter the type of propeller which the Marine is qualified to repair.

E-Electric.
H-Hydraulic.
B-Electric and Hydraulic.

Operates, cleans, and repairs tow reel windlasses mounted in airplanes for towing aerial targets. Rolls and launches target, brakes cable to maintain proper tension, and releases and replaces targets while in flight.

Must know proper positions of airplane for releasing targets to avoid loss of target or snapping of cable. Must pass flight physical examination.

Inspects, tests, splices, and repairs cables and tie rods used in airplane control systems; connects cockpit control pedals and levers with rudders, ailerons, and elevators. Installs pulleys, slings, and tow ropes. May test cables with tensiometer.

Must be familiar with the proper tensions applicable to cables and controls. Must be able to identify unsafe and unserviceable cables.

Gives instruction in the operation and maintenance of one or more synthetic gunnery training devices.

Note-After the SSN enter one or more of the code letters listed below, and in the parenthesis after the title enter the names of the synthetic gunnery training devices in which the Marine is qualified to give instruction.

A-Gunairstructor.
B-3A2 Trainer.
D-Deflection Trainer.
E-Range Estimator.
F-Skeet and Trap Shooting.
G-7A3 Trainer.
H-7-I Automatic Flight Control.

Supervises a height finder team in setting up, adjusting, and operating a large stereoscopic range finder to determine distances to enemy aircraft or seacraft.

Must possess proper stereo-acuity and inter-pupillary measurements to perform as stereoreader of the team.
Note-For team members not qualified as observers use SSN 596.

Attends and accompanies a commanding or an executive officer and performs such routine duties as delivering and receiving messages, announcing visitors, and running errands.

Must be outstanding in military bearing, neatness of appearance, tact, courtesy, and intelligence.

Drives ambulance; supervises loading of casualties into ambulance; renders first aid and nursing treatment; maintains and performs minor repairs on vehicle.

Must be an expert driver, capable of driving at night and under adverse conditions. Should have general familiarity with first aid and care of casualties.

Operates as a member of a crew assisting skilled specialists in the construction and repair of roads and bridges, the removal and creation of natural and man-made obstacles, the operation and repair of engineer construction equipment, and the installation of utilities.

Must have a general familiarity with the engineer functions of demolitions, construction equipment operation, water supply, bridging, and carpentry.
Note-Men with this SSN will constantly be observed and as they develop into one of the skilled engineer specialists will be appropriately reclassified.

Operates and maintains fumigation chamber, shower head, water heating unit, and accessory equipment used to disinfect clothing, equipment, and personnel.

Must be thoroughly familiar with operation and maintenance of fumigation and bath equipment. Must know safety precautions to be observed for particular types of toxic substances employed.

Instructs and trains personnel in basic military skills, such as drilling, handling of small arms, discipline, and customs of the service.

Must be a competent instructor and thoroughly versed in basic military skills.

Note-This SSN will normally be used only to indicate current duty assignment, and will not be used as a primary SSN for persons who possess a combat specialty.

Grooms, feeds, waters, and cares for animals, and maintains equipment such as saddles, bridles, and harnesses.

Must be able to handle animals. Must be able to assemble, disassemble, adjust, and clean harness and related equipment.

Note-Use SSN 521 for personnel performing routine police duties in stables.

Performs various clerical, technical, and supervisory duties involved in the planning and loading and unloading of personnel, equipment, and supplies for amphibious operations. Maintains files and records of the characteristics of transports and cargo ships used for amphibious operations; assists in the preparation of detailed loading plans in accordance with priorities for unloading; assists in planning and directing movement of troops, equipment, and supplies to and from docks; supervises dock and hatch crews in loading, securing, and unloading cargo.

Must have general familiarity with principles of combat loading of ships for amphibious operations, and with proper methods of handling, stowing, and protecting ship cargoes. Must have general familiarity with such forms as Unit Personnel and Tonnage Table, Cargo Manifest, Debarkation Priority List, Supply Loading Analysis, Loading Summary, Stowage Plan, and Profile Loading Plan.

Loads, aims, fires, and maintains aerial machine guns mounted in airplane power turrets. Fires at aerial and ground targets. Sets sights and corrects aim by observing path of tracer bullets.

Must be able to identify friendly and enemy airplanes and ships. Must be able to perform minor maintenance tasks while in flight. Must pass flight physical examination.

Tests, inspects, adjusts, and maintains the oxygen and carbon dioxide equipment in airplanes. Fills bottles with oxygen to provide personnel with suitable air at high altitudes. Fills containers with carbon dioxide for use as fire extinguisher. May operate equipment for producing and bottling gases.

Must be thoroughly familiar with safety precautions and with methods of handling and maintaining high pressure equipment.

Adjusts, services, maintains, and repairs electrically powered and pedal-operated sewing machines.

Must be thoroughly familiar with the construction and operation of various types of sewing machines. Must be able to perform major repairs.

Note-See also SSN 204.

Operates, maintains, and repairs mobile and portable water purification and distillation equipment. Prepares chemical solutions used in purification and filtration. Performs standard tests at regular intervals to insure that water is suitable for use.

Must know principles of water purification including correct portions of chemicals needed. Must be able to repair and maintain equipment. Should know principles of well drilling and should be familiar with well drilling equipment.

Determines the salvage value of damaged aircraft and aircraft parts. Reclaims, sorts, classifies, or otherwise prepares damaged parts and equipment for shipment or repair by appropriate specialists.

Note-The degree of skill required for this job is less than that for Mechanic, Aircraft (SSN 747). See also SSN 194.

Performs various duties in the establishment of a beachhead supply system for amphibious operations. Assists in the selection of sites for and the establishment of beach supply dumps, landing areas, aid and medical collecting stations; assists in the construction and maintenance of improvised landings, temporary wharves, and traffic routes from shore to road net; assists in the installation of beach and supply dump markers; and supervises working parties temporarily assigned to the shore party for loading and unloading tanks during assaults on beachheads.

Must be thoroughly familiar with unloading and landing operations of amphibious assaults. Must have a general knowledge of the basic functions of a shore party.

Performs various stock-handling duties in the receipt, storage, issue, and shipping of supplies and equipment in a depot, supply point, or combat unit. Checks incoming and outgoing supplies against requisitions, invoices, and bills of lading, and counts, grades, or weighs articles. Stores materials in bins, racks, and compartments, arranging items to facilitate issue and taking of inventories, and to provide maximum protection against damage and deterioration. Receives and fills requisitions, maintains stock locator cards, and takes inventories. May also pack, crate, and ship general supplies.

Should have general familiarity with regulations governing accountability, responsibility, and supply procedures.

Nore-For more specialized stock-handling personnel see SSN's 581, 583, 740, 844, and 978.

As a crew member of a tank team, performs various duties such as driving, radio tending, weapons firing and maintenance, and tank inspection and minor maintenance. May operate, recharge, and perform minor maintenance on tank-carried flame throwers. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more tanks and their crew members. May operate a tank dozer.

Must be capable of performing all of the duties in the tank crew. Should have sufficient knowledge of tactical employment of tanks to be able to anticipate commands, to take advantage of cover, and to maneuver to bear on targets.

Note-See also SSN's 597 and 994.

Identifies and intercepts Japanese radio code signals by means of a radio receiver. Copies intercepted messages and forwards them for translation and decoding. May operate direction finding equipment, take bearings, and make plots on a map. May supervise other enlisted personnel in radio intelligence activities.

Must be a high speed radio operator; must be capable of receiving and copying Kana code.

Performs various stockroom duties incident to the handling of motor transport supplies other than spare parts. Receives incoming motor transport supplies; checks supplies against requisitions, invoices, and bills of lading ; stores supplies in bins, racks, or compartments, arranging items in such a manner as to facilitate issue and taking of inventories, and to provide maximum protection against damage and deterioration; receives and fills requisitions, maintains such records as are kept in the warehouse or stockroom, and takes inventories. May also crate, pack, and ship motor transport supplies.

Must be thoroughly familiar with motor transport equipment other than spare parts. Must know nomenclature of equipment. Must have general familiarity with warehousing procedure. Should have general familiarity with regulations governing accountability and responsibility for government property.

Note-Technicians qualified to repair or maintain motor transport equipment will retain their technical SSN's as primary. See also SSN 348. See also SSN 735 for persons who do not meet minimum qualifications as set forth above.

Loads, aims, and fires a rifle, and employs hand grenades and bayonet to destroy enemy personnel and to assist advance against an enemy position. May operate a flame thrower. May perform supervisory duties incident to the control, coordination, and tactical employment of a fire team or one or more squads.

Must be capable of field stripping, assembling, and performing minor maintenance of weapon. Must have general familiarity with the fundamentals of infantry tactics. Should be proficient in the use of such hand weapons as rifle, automatic rifle, carbine, pistol, rocket launcher, rifle grenade, hand grenade, flame thrower, and bayonet. Should be proficient in the techniques of hand-tohand combat.

Loads, aims, and fires an automatic rifle to assist the advance of friendly troops by obtaining and holding fire superiority over the enemy.

Must be capable of field stripping, assembling, reducing stoppages of, and performing minor maintenance on weapon. Must have general familiarity with the fundamentals of infantry tactics. Should be proficient in the use of such hand weapons as rifle, automatic rifle, carbine, pistol, rocket launcher, riffe grenade, hand grenade, and bayonet. Should be proficient in the techniques of hand-to-hand combat.

Cleans, adjusts, repairs, and performs prescribed inspections and maintenance of aircraft wings, fuselages, stabilizers, flight control surfaces, propeller, landing gear, and engine accessories. Refers to appropriate specialists, specialized, extensive, and major repairs, such as engine overhauls, repair of major structural members, and specialized repairs of propellers, instruments, and hydraulic and electrical systems. May assist engine specialists in removing, repairing, and replacing engines and may assist other specialists in performing major repairs and adjustments on propellers, structural members, controls, and other assemblies, units, and systems.

Must have general familiarity with forms, procedures, and operations involved in aircraft inspection and maintenance.

Note-See also SSN's $528,560,678,684,685,686,687,748,750,751,752$, and 956.

After the SSN enter one or more of the code letters listed below, and in the parenthesis after the job title enter the particular airplanes which the Marine is qualified to repair and maintain. In order to be designated by a particular code letter a Mechanic, Aircraft need not be qualified on all of the airplanes listed for that code letter; training or experience on any one airplane in a code letter group entitles him to the code letter designation.

A-Basic. General training, no experience on specific planes. To be deleted entirely upon acquisition of one of the following code letters.
B-F6F-3; F6F-5; F6F-6; F4U-1; F4U-1D; F4U-4; FG-1; F3A-1.
D-F4F-1; F4F-3; F4F-4.
E-SBD-3; SBD-4; SBD-5; SBD-6; J2F-4.
F-SB2C-1, SB2C-1A, SB2C-2, SB2C-3, SB2C-4, SB2C-5, SBW-1, SBW-3.
G-SNJ-1; SNJ-2; SNJ-3; SNJ-4; SNJ-5.
H-SNB-1; SNB-2; GB-2; JRB-2; JRC-1; GH-2; GH-3; JRF-4; JRF-5.
J—PBJ-1C; PBJ-1D; PBJ-1G; PBJ-1H; PBJ-1J.
K-PB4Y.
L-RC5-1; JM-1; PV-2.
M-R4D-1; R4D-3; R4D-4; R5O-2; R5O-3.
N-R4D-2; R4D-5; R5O-1; R5O-4; R5O-5; R50-6.
P-TBF-1; TBF-1C; TBM-1; TBM-1C; TBM-3.
R-F7F-1; F7F-2.
T-OY-1.

Combines the duties of Mechanic, Aircraft (SSN 747) and Aerial Gunner (SSN 611).

Must be thoroughly qualified as described for both SSN 747 and SSN 611.

LEADING CHIEF, AVIATION
3
[LDG CHF, AVN]
Serves as general supervisor of an airplane service and maintenance unit. Coordinates airplane repair activities; assists in the diagnosing of malfunctioning; assigns work to appropriate specialists; checks and inspects repairs; and performs incidental administrative and paper work.

Must be a qualified Mechanic, Aircraft (SSN 747), who by reason of seniority and experience has been assigned to the headquarters section to coordinate the work of all sections.

751* * ENGINEERING CHIEF, AVIATION (Designated Type) s [ENGRG CHF, AVN (***)]
Supervises the work of Mechanics, Aircraft (SSN 747), Engine Overhaul Mechanics, Aircraft (SSN 684), and other specialists engaged in repairing and reassembling damaged airplanes. Assigns work to appropriate specialists, makes final inspections, and authorizes return of airplanes to service.

Must be a qualified Mechanic, Aircraft (SSN 747) who by reason of seniority and experience has been assigned such duties in the engineering section of a unit.

Note-After the SSN enter one or more of the code letters listed below, and in the parenthesis after the job title enter the particular airplanes which the Marine is qualified to repair and maintain. In order to be designated by a particular code letter an Engineering Chief, Aviation need not be qualified on all of the airplanes listed for that code letter; training or experience on any one airplane in a code letter group entitles him to the code letter designation.

A-Basic. General training, no experience on specific planes. To be deleted entirely upon acquisition of one of the following code letters.
B-F6F-3, F6F-5, F6F-6, F4U-1, F4U-1D, F4U-4, FG-1, F3A-1.
D-F4F-1, F4F-3, F4F-4.
E-SBD-3, SBD-4, SBD-5, SBD-6, J2F-4.
F-SB2C-1, SB2C-1A, SB2C-2, SB2C-3, SB2C-4, SB2C-5, SBW-1, SBW-3.
G-SNJ-1, SNJ-2, SNJ-3, SNJ-4, SNJ-5.
H-SNB-1, SNB-2, GB-2, JRB-2, JRC-1, GH-2, GH-3, JRF-4, JRF-5.
J-PBJ-1C, PBJ-1D, PBJ-1G, PBJ-1H, PBJ-1J.
K-PB4Y.
L-R5C-1, JM-1, PV-2.
M-R4D-1, R4D-3, R4D-4, R50-2, R50-3.
N-R4D-2, R4D-5, R5O-1, R5O-4, R50-5, R5O-6.
P-TBF-1, TBF-1C, TBM-1, TBM-1C, TBM-3.
R-F7F-1, F7F-2.
T-OY-1.

Supervises Mechanics, Aircraft (SSN 747) engaged in preparing aircraft for return to service. Assigns work and makes final adjustments. Gives preliminary approval to return aircraft to service.

Must be a qualified Mechanic, Aircraft (SSN 747) who by reason of seniority and experience has been assigned such duties in the operation section of a unit.
Note-After the SSN enter one or more of the code letters listed below, and in the parenthesis after the job title enter the particular airplanes which the Marine is qualified to repair and maintain. In order to be designated by a particular code letter a Line Chief, Aviation need not be qualified on all of the airplanes listed for that code letter; training or experience on any one airplane in a code letter group entitles him to the code letter designation.

A-Basic. General training, no experience on specific planes. To be deleted entirely upon acquisition of one of the following code letters.
B-F6F-3, F6F-5, F6F-6, F4U-1, F4U-1D, F4U-4, FG-1, F3A-1.
D-F4F-1, F4F-3, F4F-4.
E-SBD-3, SBD-4, SBD-5, SBD-6, J2F-4.
F-SB2C-1, SB2C-1A, SB2C-2, SB2C-3, SB2C-4, SB2C-5, SBW-1, SBW-3.
G-SNJ-1, SNJ-2, SNJ-3, SNJ-4, SNJ-5.
H-SNB-1, SNB-2, GB-2, JRB-2, JRC-1, GH-2, GH-3, JRF-4, JRF-5.
J-PBJ-1C, PBJ-1D, PBJ-1G, PBJ-1H, PBJ-1J.
K-PB4Y.
L-R5C-1, JM-1, PV-2.
M-R4D-1, R4D-3, R4D-4, R5O-2, R5O-3.
N-R4D-2, R4D-5, R50-1, R50-4, R50-5, R50-6.
P-TBF-1, TBF-1C, TBM-1, TBM-1C, TBM-3.
R-F7F-1, F7F-2.
T-OY-1.
755

## RADIO OPERATOR, AERIAL $s$ [RADIO OPER, AERIAL]

Operates airborne radio equipment in accordance with prescribed naval regulations. Sends and receives voice messages, visual signals, and code signals. Makes radio frequency changes. May make minor repairs and adjustments to airborne equipment. May operate ground radio equipment. May operate homing equipment.

Must be familiar with voice procedure and be able to send and copy code at a minimum rate of 12 words per minute. Must pass flight physical examination.

Note-Persons having airborne training or experience should carry this SSN rather than SSN 776. See also SSN's 756, 757, 758, and 769.

## RADAR-RADIO OPERATOR, AERIAL <br> [RADAR-RADIO OPER, AERIAL]

Operates airborne radar and radio equipment in accordance with prescribed naval regulations. Sends and receives voice messages, visual signals, and code signals. Makes radio frequency
changes. May make minor repairs and adjustments to equipment. May operate ground radio equipment. May operate homing equipment.

Must be familiar with voice procedure and must be able to send and copy code at a minimum rate of 12 words per minute. Must be able to operate airborne search or bombing radar equipment. Must pass flight physical examination.

An air crewman who combines the duties of Radio Operator, Aerial (SSN 755) and Aerial Gunner (SSN 611).
Must be thoroughly qualified as described for both SSN 755 and SSN 611.

An air crewman who combines the duties of a Radar-Radio Operator, Aerial (SSN 756) and Aerial Gunner (SSN 611).

Must be thoroughly qualified as described for both SSN 756 and SSN 611.

Note-After the SSN enter one of the code letters listed below and in the parenthesis after the title enter the type of airborne equipment which the Marine is qualified to operate.

A-Search.
B-Search and bombing.

Installs, inspects, tests, and repairs very high frequency radio equipment. Tests equipment, using such instruments as voltmeters, ohmmeters, tube testers, and oscilloscopes. Isolates and corrects defects either by replacing parts or by repairing units. Improvises or makes substitutions for defective parts when replacements are not available. May operate and repair fixed and mobile ground direction finding equipment.

Must have general knowledge of the theory of operation of very high frequency radio transmitters, receivers, and related equipment.

Note-This SSN will be considered primary for persons also qualified for SSN 174. See also SSN's 649 and 774.

An especially trained Rifleman (SSN 745) who engages in scouting and patroling activities to obtain information concerning strength, disposition, and probable intentions of enemy forces; disrupts enemy communications; destroys enemy personnel by rifle fire. May perform supervisory duties involving the control, coordination, and tactical employment of other Scout-SNIPERS.

Must possess all of the qualifications of SSN 745. Must be particularly skilled in employing the principles of camouflage to conceal himself. Must know how to move over various kinds of terrain without being detected. Must be skilled in the use of the rifle, with and without telescope sight. Must know techniques of searching terrain for signs of enemy activity. Must be able to read maps, make sketches, and use compass and field glass.

As a member of a crew, performs one or more of the tasks in the operation of a searchlight used for illuminating enemy targets in the air or at sea. Sets up, operates, and performs minor maintenance of searchlights, control stations, and power generating equipment. Makes cable connections from control station to radar equipment and to searchlight. Maintains synchronization between radar detector and searchlight. May direct beam manually with hand crank if power fails. May check orientation of searchlight, control station, and radar equipment by comparing simultaneous readings of azimuth and angular elevation. May perform supervisory duties involving the control, coordination, and tactical employment of one or more searchlights or control stations and their crew members.

Must be thoroughly familiar with mechanical operation and tactical use of searchlight, power plant, and control station. Must be capable of performing all of the duties in the crew.

Operates radio transmitting and receiving equipment to send and receive messages in code; makes typewritten copies of messages; transmits messages by light signal. May set up, tune, adjust, and perform minor maintenance on radio equipment. May supervise operation of radio section.

Must be able to receive messages at a minimum speed of 25 standard groups per minute, and transmit at a minimum speed of 20 standard groups per minute. Must know naval radio procedure.

Operates radiotelephone equipment to receive and transmit messages in ordinary conversation or code. May transmit messages to airplane by means of panels.
Note-For restricted language code talker use SSN 642. SSN 767 is not to be used for personnel for whom radiotelephone operation is only a part of the duties, as, for example, tank crewmen who act as radio tenders.

An air crewman who combines the duties of Radio Operator, Aerial (SSN 755) and TURret Gunner, Aviation (SSN 714).

Must be thoroughly qualified as described for both SSN 755 and SSN 714.

PILOT
3
Pilots airplane on all types of missions, such as observation, target towing, transport, and ferrying missions.

Must be a designated enlisted Naval Aviation Pilot.

## PILOT, ${ }^{[ }$GLIDER

3
Pilots a glider on combat or noncombat missions.
774* * AIRBORNE RADAR TECHNICIAN (DesignatediEquipment) 3 [AIRBORNE RADAR TECH (***)]
Installs, adjusts, maintains, repairs, and overhauls airborne radar equipment. Disassembles, repairs, aligns, and calibrates equipment, diagnosing malfunctioning of parts and effecting necessary repairs and replacements. May repair and maintain airborne radio equipment.

Must be thoroughly familiar with the technical principles of radar, and with the procedures for operating the equipment.

Note-The radar sets indicated below are suggestive of the equipment in use, but are not all-inclusive. Radar technicians trained in a particular type of equipment can with a minimum of difficulty qualify to service new or modified sets of the same type. Typical sets are:

Airborne radar identification equipment, such as sets ABK, APX-1, APX-2.
Airborne radar navigation equipment such as sets AYD, APN-1, APN-4.
Airborne radio equipment; high frequency sets such as GO-9, ARB, RAX, AN/ART-13, SCR-269F/G, and very high frequency sets such as AN/ARC-1, AN/ARC-4, AN/ARC-5, SCR-522.
Airborne radar search equipment, such as sets ASE, ASB, AN/APS-2, AN/APS-3, AN/APS-4, AN/APS-15.
Airborne radar bombing equipment, such as sets AN/APQ-5, AN/APA-16, AN/APG-4.
Airborne radar intercept equipment, such as sets APS-6/6A, SCR-720, APS-19.
After the SSN, enter one or more of the code letters from the list below, and in the parenthesis after the title, enter the names of the sets which the Marine is qualified to repair.

A-Airborne radar technicians who have graduated from NATTC, Ward Island, Corpus Christi, Texas, having learned all types of radar equipment, will be given this code letter until their duty assignments warrant a more proper classification under one of the code letters listed below, at which time that code letter will become primary and will be followed by the code letter " $A$ ". If the man is more properly classified with two of the code letters below, the " $A$ " will become the third code letter. For example, a Corpus Christi graduate is a 774A. Upon assignment to PBJ aircraft, he becomes a 774GA. At a later date he is assigned to SB2C aircraft and is classified as 774EGA.

B-Airborne radar identification equipment and airborne radar navigation equipment.
D-Airborne radio equipment.
E-Airborne radar identification equipment, airborne radar navigation equipment, and airborne radar search equipment.
F-Airborne radar identification equipment, airborne radar navigation equipment, airborne radar search equipment, and airborne radio equipment.
G-Airborne radar identification equipment, airborne radar navigation equipment, airborne radar search equipment, and airborne radar bombing equipment.
H-Airborne radar identification equipment, airborne radar navigation equipment, airborne radar search equipment, airborne radar bombing equipment, and airborne radio equipment.
J-Airborne radar identification equipment, airborne radar navigation equipment, airborne radar search equipment, and airborne radar intercept equipment.
K-Airborne radar identification equipment, airborne radar navigation equipment, airborne radar search equipment, airborne radar intercept equipment, and airborne radio equipment.
Y-Airborne radar technicians whose qualifications in radar are limited and who cannot properly be classified under one or more of the above categories.

Installs, adjusts, maintains, repairs, and overhauls radar equipment of one or more of the following types: Gunlaying, searchlight, reporting, and search.

Must be thoroughly familiar with the technical principles of radar, and with the procedures for operating the equipment.

Note-After the SSN enter one or more code letters from the following list, and in the parenthesis after the title enter the names of the sets which the Marine is qualified to repair.

A-AN/TPS-1B.
B-MK-16.
D-MK-20.
E-MK-33.
F-SCR-268.
G—SCR-270; SCR-271.
H-SCR-527.
J—SCR-584.
K-SCR-602; SCR-602T6.
L-SK-1M.
M—SO-7M; SO-12M.

N-SQ; SN.
P-SP-1M.
R-SW.
S-T-38.
T-Sets taught in Ground Radar Tech Course (SCR-270, SCR-584, SCR-602, MK-16, MK-20, SO-7M, SW, SK-1M, AN/TPS-1B, SP-1M).
U-Avn Radar Tech Course (SCR-270, SCR-602, SCR-527, SK-1M, SP-1M, AN/TPS-1B).

Operates radio transmitting and receiving equipment to send and receive messages in code. May operate radiotelephone equipment. May operate telegraph equipment. (Continued on next page)

Must be able to receive messages by radio or wire at a minimum rate of 15 standard groups per minute, and by light signal at a minimum rate of 10 words per minute. Must be able to transmit at a minimum speed of 12 standard groups per minute. Must know naval radio procedure.

Note-See also SSN's 755 and 766.

## FLAME THROWER OPERATOR [FLAME THROWER OPER]

Charges, operates, and performs minor maintenance on a portable flame thrower. May prepare thickened fuel.

Must understand the limitations and the proper tactical employment of and be skilled in the use of the weapon. Must know characteristics of various types of fuels and conditions under which the various types may be used most advantageously. Must know safety precautions for preparing and handling fuel and for operating high-pressure components of the weapon.

Note-This SSN will not be assigned as a primary military specialty when flame thrower operation is additional duty. See also SSN's 533 and 745.

Uses meteorological instruments to make and record detailed observations of atmospheric pressure, temperature, wind direction, humidity, visibility, and ceiling for aircraft or fire control operations. May record and transmit meteorological data in weather code. May operate teletype equipment. May perform minor maintenance on meteorological instruments and equipment.

Must have a knowledge of elementary meteorology. Must be able to install simple weather instruments and equipment. Must be thoroughly familiar with methods of recording weather observations.

Makes forecasts of weather conditions based on analysis of data recorded on weather maps. Supervises the preparation of weather studies and maps; records meteorological data on maps to show regions of high and low pressure, precipitation, storms, and fronts. Makes analysis indicating the probability of occurrence of specific weather phenomena.

Must have sufficient knowledge of meteorology to enable him to anticipate weather conditions accurately from data recorded by Weather Observer (SSN 784).

Assists operations officer in maintaining diaries, logs, operations maps, and other records of the activities of a ground organization, and in preparing plans for tactical employment and disposition of troops in attacks against enemy forces and in the strategic withdrawal of troops in retrograde movements.

Must be thoroughly familiar with the organization of the various types of units within the command. Should have general familiarity with the tactical employment of the units.

Note-See also SSN's 593 and 814.
793

> PARTS CLERK, ENGINEER
> [PARTS CLK, ENGR]

Receives, stores, and issues spare parts and accessories for engineer equipment (surveying, drafting, reproduction, and construction equipment) in a repair shop, supply depot, or warehouse. Checks and makes records of incoming parts. Stores parts in bins or compartments in such a manner as to facilitate issue and taking of inventory. Issues and keeps record of parts issued.

- Takes periodic inventories.

Must be thoroughly familiar with nomenclature, appearance, and interchangeability of engineer parts. Should know supply procedures and regulations governing accountability and responsibility for government property.

As a member of a rocket team, loads, aims, fires, and maintains an anti-tank rocket launcher ("bazooka"), and cares for and maintains rocket ammunition.

Must be skilled in the use of the weapon. Must understand the limitations and the proper tactical employment of the weapon.

Note-This SSN will not be assigned as a primary military specialty when rocket launcher operation is additional duty. See also SSN 588.

In any type of construction project supervises a group of enlisted specialists, such as: Carpenter, General (SSN 050) ; Carpenter, Bridge (SSN 035) ; Electrician, General (SSN 078) ; Plumber (SSN 164); Basic Engineer (SSN 705) ; and Engineer Equipment Operator (SSN 359). Usually functions under the general supervision of a Construction Chief (SSN 059).

Must be able to read blueprints. Must have general familiarity with construction principles. Must be able to supervise a construction crew.

Note-For planning, layout, and assigning work, and for supervision of several construction crews, use SSN 059.

Assists Naval Gunfire Officer (SSN 1115) and supervises enlisted personnel in a shore fire control party. Engages in scouting activities to determine possible enemy targets; assists in calling for, adjusting, and controlling ships' gunfire on selected targets; and supervises the radio and wire teams and the employment of the radar beacon.

Must be thoroughly familiar with scouting and observing operations. Must have general familiarity with various aspects of naval gunfire, such as range, rate of fire, trajectory curves, and maximum ordinates of different caliber naval guns, and with bursting patterns, radius, and effects of different types of ammunition. Must know proper procedures for voice-radio communication and must have general familiarity with installation and operation of radar beacons.

Conducts prepared and "on-the-spot" interviews, and describes combat and other newsworthy events concerning the Marine Corps and individual Marines, for disc, film, and wire recording. Prepares script for, directs, and participates as interviewer in recorded programs.

Must be adept in "ad libbing" and must be able to conduct interesting interviews extemporaneously and to give accurate oral descriptions of events. Should be able to write interesting radio programs. Must have good diction and a command of good English. Must be thoroughly familiar with microphone techniques, and must have a general knowledge of radio broadcasting studio procedures and of recording equipment.

Note-Use SSN 841, Recording Technician, for personnel who operate, maintain, and repair recording equipment.

Conceals military equipment, sites, emplacement, and evidence of friendly troop movements by means of constructions, painting, netting, and foliage. May supervise Carpenters, Gentral (SSN 050), Riggers, Heavy Equipment (SSN 189), Painters, General (SSN 144), and other CAMOUFLEURS in camouflage activities.

Must be thoroughly familiar with techniques and theory of camouflage. Must possess a high degree of color discrimination and must be able to blend paints to produce natural effects. Must understand effect of changing weather conditions on camouflage.

DRUM MAJOR
Leads the band or drum and bugle corps during field formations, military ceremonies, and drills. Calls roll of and inspects band members. Inspects band quarters. Directs issuance and inspection of musical instruments, music, and related supplies and equipment. May assist Band Leader (SSN 020) in administrative activities such as preparation of correspondence, rosters, and requisitions for supplies.

Must be thoroughly familiar with drill formations for bands and drum and bugle corps. Must know regulations and procedures pertaining to band and drum and bugle corps activities during military ceremonies. Must be a qualified Field Music (SSN 803) or a competent musician on one or more musical instruments.

## 803

FIELD MUSIC
4
[FM]
Plays bugle to sound regulation calls and commands for the information and guidance of military personnel. Acts as messenger for the headquarters to which assigned. May play the bugle in a drum and bugle corps.

Must be able to sound any trumpet call or trumpet march in a regulation manner.

812
INFANTRY CHIEF
8
[INF CHF]
Supervises and coordinates the activities of personnel in an infantry organization employing a variety of infantry weapons such as rifles, mortars, and machine guns.

Must be thoroughly familiar with infantry tactics and organization of infantry units. Must be competent to perform supervisory duties involving the control, coordination, and tactical employment of Riflemen (SSN 745), Mortar Crewmen (SSN 607), and Machine Gun Crewmen (SSN 604).

813 MOTOR TRANSPORT CHIEF
[MT CHF]
Supervises the activities of personnel of a motor transportation unit in the operation, inspection, maintenance, repair, and refueling of motor vehicles. May supervise activities of an amphibious truck unit. Is responsible to Motor Transport Officer (SSN 0600) for the over-all functioning of the motor transport section.

Must be thoroughly familiar with regulations governing the operation, maintenance, and organization of a motor pool. Must be thoroughly familiar with the standards to be maintained for inspection and repair of motor vehicles.

Performs various duties in the operations office of an aviation unit, such as assisting in the preparation of flight orders and flight routes, logging outgoing and incoming aircraft, obtaining clearances, providing weather information, preparing trouble reports, and keeping pilot, crew, and engine logs of flight time. May direct air traffic at a flying field. May communicate with pilots in flight or with other stations regarding position and course of transient airplanes.

Must be thoroughly familiar with flying regulations regarding air traffic.

Note-See also SSN 791.

Performs various supervisory and technical duties incident to the inspection, testing, maintenance, and repair of all types of artillery including: 155 mm guns; $155 \mathrm{~mm}, 105 \mathrm{~mm}$, and 75 mm howitzers; 37 mm antitank guns; $90 \mathrm{~mm}, 40 \mathrm{~mm}$, and 20 mm antiaircraft guns. Performs various supervisory and technical duties incident to the requisition, receipt, storage, and care of ordnance supplies, including ammunition.

Must be capable of supervising fourth echelon repairs on all types of artillery. Must know uses, hazards, safety precautions, and methods of handling, cleaning, storing, and otherwise processing munitions. Must have general familiarity with ordnance supply procedures.

Performs various clerical and stockroom duties incident to the maintenance of records and reports, and to the requisition, procurement, receipt, storage, issue, and sale of food supplies. May operate or assist in the operation of a sales commissary.

Must have general familiarity with Quartermaster Department forms, regulations, and procedures pertaining to subsistence supplies.

Note-See also SSN 373.

Performs various duties in the operation of a post exchange, such as supervising and coordinating the activities of sales and stockroom personnel, keeping books and records of transactions, taking inventories, and requisitioning merchandise.

Must be thoroughly familiar with post exchange operation and procedure. Must understand double-entry bookkeeping.

Note-See also SSN 373 for Sales Clerks who do not meet qualifications described above.
821

## QUARTERMASTER SUPPLY MAN <br> [QM SUP MAN]

Performs various clerical duties incident to the requisitioning, receipt, storage, and issue of supplies and equipment. Maintains prescribed Marine Corps records, forms, and reports involved in issuing supplies to Property NCO's (SSN 566) or to other supply personnel of lower echelons, or in procuring supplies from
higher echelons. In small units may perform stockroom duties in addition to clerical duties.

Must be thoroughly familiar with Marine Corps procedures, forms, and regulations pertaining to the supply functions of units other than supply depots. Must be capable of accomplishing the following forms: NAVMC 6-QM, Statement of Charges for Government Property ; NAVMC $24-Q M$, Invoice and Receipt, Public Property ; NAVMC 25-QM, Requisition; NAVMC 138-QM, Abstract of Sales of Government Property for Cash; and other supply forms routinely employed in units other than those organized primarily for supply, as, for example, an Infantry Battalion, Artillery Regiment, or Aviation Squadron.

Note-Before assigning this SSN, see also SSN's $371,379,566,573,574$, 575, 580, 581, 582, 583, 639, 735, 740, 819, 826, 835, 844, 869, and 978.

822
UTILITIES CHIEF
[UTIL CHF]
Supervises enlisted specialists in the maintenance and repair of utilities such as light, heat, power, water, and sewage disposal systems, and of buildings, roads, and grounds. Determines type and extent of repair or maintenance needed and makes arrangements to see that work is properly performed.

Must have basic knowledge of carpentry, plumbing, painting, and electricity. Must be capable of supervising a maintenance crew.

Note-See also SSN 121.

Performs all varieties of machining, welding, and metallizing duties in the maintenance, repair, and major overhaul of ordnance equipment in an ordnance shop. Operates and maintains all types of machine tools, such as lathes, milling machines, planers, shapers, and bench tools, in the shaping of metal parts to precise dimensions. Uses electric or acetylene welding apparatus to fabricate metal articles or to join broken parts. Sets up, adjusts,
and operates metallizing equipment which sprays molten metal of various kinds on metal parts to provide a protective surface or to build up worn or gouged parts.

Must be able to work from blueprints and written specifications. Must know the working properties of such metals as aluminum, brass, cast and wrought iron, and various steels.
Note-See also SSN's 114 and 256.

Performs, or supervises supply personnel in the performance of, the clerical duties of Quartermaster Supply Man (SSN 821) and Navy Supply Man (SSN 869) incident to the requisitioning, receipt, storage, issue, salvage, and transportation of supplies and equipment.

Must be familiar with all phases of Quartermaster and Navy supply procedures, including clothing, general property, subsistence, disbursing, procurement, and transportation. Must be able to accomplish all basic Quartermaster and Navy supply forms.

Note-This SSN combines the duties of SSN 821 and SSN 869 in addition to supervisory responsibilities.
835
MATERIEL CLERK, AVIATION
3
[MATERIEL CLK, AVN]
Assists the Materiel Officer of an aviation unit in the various stock-handling and related clerical duties incident to the requisitioning, storage, maintenance, and issue of aircraft technical supplies and equipment. Checks specifications and stock numbers of incoming and outgoing supplies against requisitions, invoices and bills of lading, and counts, grades, and weighs articles.

Must be thoroughly familiar with nomenclature, appearance, and interchangeability of aircraft parts. Must be familiar with aircraft parts catalogues and with supply procedures.

836 CHIEF ORDNANCEMAN, LIGHT ANTIAIRCRAFT FIRE CONTROL 11 [CHF ORDMAN, LT AA FC]
Performs various supervisory and technical duties incident to the inspection, testing, maintenance, and repair of all types of light antiaircraft fire control and searchlight equipment including the M-5 director, oil gear drive, searchlights, control stations, connecting cables, and power generators. May supervise the requisition, receipt, storage, and care of ordnance supplies, including ammunition.

Must be capable of supervising fourth echelon electrical and mechanical repairs to all types of light antiaircraft fire control and searchlight equipment. Must have general familiarity with ordnance supply procedures.

Instructs troops in one or more of the following combat techniques: Unarmed combat and judo; knife, club, or stick fighting; forced marching; ship boarding and disembarking; handling of life rafts and rubber boats; combat swimming under fire or in cil-slicked or oil-burning waters.

## 838 CHIEF ORDNANCEMAN, HEAVY ANTIAIRCRAFT FIRE CONTROL [CHF ORDMAN, HVY AA FC]

Performs various supervisory and technical duties incident to the inspection, testing, maintenance, and repair of all types of heavy antiaircraft fire control equipment including the M7 and M9 directors, and generators, cables, remote control systems, and height finders. May supervise the requisition, receipt, storage, and care of ordnance supplies, including ammunition.

Must be capable of supervising fourth echelon electrical and mechanical repairs to all types of heavy antiaircraft fire control equipment. Must have general familiarity with ordnance supply procedures.

## artillery mechanic

11 [ARTY MECH]
Inspects, tests, maintains, and repairs all types of artillery including: $75 \mathrm{~mm}, 105 \mathrm{~mm}$, and 155 mm howitzers; 155 mm guns; 37 mm antitank guns, $90 \mathrm{~mm}, 40 \mathrm{~mm}$, and 20 mm antiaircraft guns.

Must be thoroughly familiar with the construction and principles of operation of all types of artillery. Must be able to diagnose malfunctioning of artillery pieces. Must be capable of performing major repairs.

Note-See also SSN's 913 and 915.

Inspects, cleans, lubricates, adjusts, and repairs Link synthetic instrument-flying devices. May operate Link trainer.

Must be able to repair and adjust the mechanical, electrical, and vacuum features of the trainer.

## RECORDING TECHNICIAN <br> [RECORDING TECH]

Operates, maintains, and makes all manner of repairs on disc, film, and wire recorders. Sets up microphones; sets up and adjusts amplifiers, for volume and frequency balances. Adjusts cutting head of disc recorder for correct depth of groove and for correct vertical and horizontal alinement. Adjusts cutting head of film recorder for depth of groove and tone quality, lines up cutting head and play-back head, adjusts play-back head for best
tone quality, and replaces sapphire cutting needle when required. Makes proper adjustments on wire recorder for both recording and play-back operations, and patches wire when necessary.

Must have a thorough knowledge of the uses and purposes of high and low impedance microphones, and must know how to match impedances when recording from a radio into a recorder. Must be able to interpret wiring diagrams, to check the wiring of recording equipment, and to verify the accuracy of resistors and condensers with a voltmeter. Must know how to adjust recorders for correct speed of operation. Must have a general knowledge of small gasoline-powered generators and batterydriven converters of both the vibrator and rotary type. [SYNTH DEV MECH]
Installs, maintains, and repairs synthetic training devices such as gunairstructor, 3A2 dual projector trainer, range estimator, deflection trainer, 7A3 trainer, and 7-I trainer.

Must be thoroughly familiar with principles of operations and with standards of performance of synthetic training devices.
Note-See also SSN's 840 and 969.

## PHOTOGRAPHIC STOCK MAN [PHOTO STOCK MAN]

16
Performs various stockroom duties incident to the procurement, receipt, storage, and issue of photographic and related supplies and equipment, including cameras, sensitized materials, chemicals, motion picture projectors, and lithographic and duplicating supplies and equipment. Receives supplies and checks them against invoices and bills of lading; stores supplies in bins, racks, or compartments in such a manner as to facilitate issue, filling of requisitions, taking of inventories, and to provide maximum protection against damage and deterioration; receives and fills requisitions; maintains warehouse or stockroom records, and takes inventories. Packs and ships photographic supplies.

Must be thoroughly familiar with nomenclature, appearance, and interchangeability of photographic supplies, equipment, and parts of equipment. Must know the perishability and deterioration properties of sensitized materials. Must be able to inspect and test photographic supplies and equipment. Should have general familiarity with warehousing procedures and with regulations governing accountability and responsibility for government property.

Notr--Technicians qualified to repair and maintain photographic equipment will retain their technical SSN's as primary. See also SSN 735 for persons who do not meet minimum qualifications as set forth above.

Performs one or more duties incident to the loading, aiming, firing, and minor maintenance of a heavy artillery piece, such as the $6^{\prime \prime} / 47$ cal. or 155 mm gun used as either seacoast or field artillery. May load, aim, and fire 155 mm howitzers. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more heavy artillery pieces and their crew members.

Must be capable of performing all of the basic duties in the gun crew.

Note-Use SSN 603 for personnel qualified only on the 155 mm howitzer.

## POWER SUPPLY MECHANIC <br> [POWER SUP MECH]

Operates, services, and repairs mobile or stationary gasolineor Diesel-powered generators used to produce electric power for the operation of various equipment or for the lighting of an installation.

Must be able to repair both the engine and the generator.
Note-See also SSN's $078,304,635,836,838,917,918$, and 919.

Performs a variety of duties incident to the receipt, storage, distribution, maintenance, and minor repair of all types of training aids, such as motion picture films and equipment, film slides, lantern slides, photographs, charts, posters, portfolios, models, and specimens. Maintains records and compiles reports pertaining to utilization of training aids. Repairs and rewinds motion picture films. May operate 16 mm silent and sound projectors and film strip projectors.

Must have a thorough knowledge of film library bookkeeping system and procedures and of shipping regulations and facilities pertaining to training aids. Must know methods of packing training aids for shipment. Must be thoroughly familiar with film cataloging systems of both the Army and the Navy.

Note-See also SSN 977.

Receives, stores, and issues spare parts, tools, and group assemblies of small arms, artillery, fire control equipment, and other ordnance materiel. Checks and records incoming parts. Stores parts in bins or compartments in such a manner as to facilitate issue and taking of inventory. Issues and keeps record of parts issued. Takes periodic inventory. May receive, store, issue, and maintain tools used in an ordnance repair shop.

Must be thoroughly familiar with nomenclature, appearance, and interchangeability of ordnance parts. Should have general familiarity with regulations governing accountability, responsibility, and supply procedures.

## RADAR BEACON OPERATOR

 ${ }^{5}$ [RADAR BEACON OPER]Operates and maintains equipment used to give supporting forces range and bearing of advance units.

Must be thoroughly familiar with operation and maintenance of one or more radar beacon sets. Must have general familiarity with fire control procedures.

## [LT AA GUN CREWMAN]

Performs one or more duties incident to the loading, aiming, firing, and minor maintenance of a light antiaircraft gun such as the 40 mm . May perform supervisory duties incident to the control, coordination, and tactical employment of one or more light antiaircraft guns and their crew members.

Must be capable of performing all of the basic duties in the gun crew.

868
SPECIAL SERVICES ASSISTANT
Performs various educational, recreational, athletic, and personal guidance duties in a unit. Assists in planning, organizing, and administering off-duty instruction for groups and individuals and in providing educational guidance services; explains system of granting college and high school credit for training obtained in the service. Assists in the planning or adminstration of various recreational projects, such as stage plays, vaudeville acts, concerts, community sings, and motion pictures; distributes phonograph records and transcriptions; assists in the operation of clubs, recreation halls, and libraries. Promulgates information concerning benefits and welfare and service projects available to personnel and their dependents. Procures, stores, and issues equipment and material for athletic, recreational, educational, and welfare activities.

Must have initiative, organizational, and administrative ability, and an understanding of welfare and educational programs. Must know specifications, care, source, and use of athletic, recreational, educational, entertainment, and musical equipment.

Note-Use SSN 283 for persons qualified only in the recreation and athletic aspects of special services work.

Performs various clerical duties incident to the requisitioning, receipt, storage, and issue of supplies and equipment in an aviation unit. Maintains prescribed Navy records, forms, and reports involved in the procurement, issue and accounting incident to supply functions. In small units may perform stockroom duties in addition to clerical duties.

Must be thoroughly familiar with Navy procedures, forms, and regulations incident to supply functions.

Note-See also SSN's 371, 379, 566, 573, 574, 575, 580, 581, 582, 583, 639, $735,740,819,821,826,835,844$, and 978 . Use SSN 735 for nomelerical tuckroom duties.

## CHEMICAL WARFARE SPECIALIST <br> [CW SPL]

Trains others in defense against gas attack by familiarizing men with methods of detecting and identifying gases, with use and care of gas masks and protective clothing, with decontamination techniques, and with first aid treatment to gas casualties. Supervises installation of gas warning and detection devices. May supervise construction of gas proof filters and dug-outs. May have charge of chemical warfare equipment and supplies, such as decontamination agents and protective clothing.

Must be thoroughly familiar with all defensive measures pertaining to chemical warfare. Must be capable of instructing others.

DOG HANDLER, SENTRY
Handles and cares for dogs used in sentry work, such as guarding and patrolling establishments in noncombat areas.

Must understand habits, behavior, and care of dogs.
Note-See also SSN's 458 and 897.

Studies aerial photographs to obtain information regarding enemy activities, strength, and installations. Using stereoscopes, contour finders, and other devices, studies aerial photographs or compares aerial photographs with maps or previous photographs to determine camouflaged areas, location of enemy troops, gun emplacements, fuel and ammunition dumps, airports, hangers, runways, type and number of aircraft, and effect of artillery or aerial bombardment.

Must be able to identify natural and artificial terrain features and genuine, camouflaged, and dummy materiel and equipment in aerial photographs.

Handles and cares for dogs used in any type of combat activity. Obtains information concerning the strength, disposition, and probable intentions of enemy forces, and reports on information obtained, using maps, charts, diagrams, and written or verbal description.

Must understand habits, behavior, care, and proper utilization of dogs in combat.

Note-See also SSN's 458 and 873.
MUNITIONS WORKER
[MUN WORKER]
Performs various tasks in connection with the storage and issue of all types of munitions. Loads, unloads, and stores ammunition at ammunition dumps, magazines, or supply points. May supervise other Munitions Workers or Basics (SSN 521) in the handling of ammunition. May assist in the salvage or destruction of unserviceable munitions.

Must know ordnance ammunition identification code system. Must be thoroughly familiar with safety regulations and ammunition handling procedures.

Note-Persons holding this number and working with gun crews will be assigned the appropriate gun crewman specification serial number as soon as qualified. See also SSN's 505 and 911 . Use SSN 521 for unskilled ammunition handlers.
907

## TURRET ARMORER, TANK AND AMPHIBIAN TRACTOR 11 [TURRET ARMR, TK \& AMPHTRAC]

Inspects, tests, adjusts, services, and repairs weapons, gun mounts, traversing mechanisms, gyro stabilizers, and fire control equipment mounted in tank and armored amphibian tractor turrets.

Must be thoroughly familiar with the construction and operation of turrets and turret accessories on combat vehicles including various kinds of mountings and balancing of guns. Must be capable of performing major repairs.

ARMORER, AIRCRAFT

[ARMR, AIR]
Inspects, repairs, and maintains such aviation ordnance equipment as machine guns, aerial cannon, bomb release mechanisms, flare racks, and gunsights. Loads ammunition belts; arms bombs, rockets, torpedoes, and mines, and installs them on racks. May repair small arms. May install and boresight gun cameras.

Must be thoroughly familiar with armament inspection and maintenance procedure and with safety regulations pertaining to the handling and storage of explosives.

Note-See also SSN's 563 and 612.

Inspects, tests, maintains, and repairs light and heavy artillery pieces such as 155 mm guns, 37 mm antitank guns, and 75 mm , 105 mm , and 155 mm howitzers. May service and repair howitzers mounted in tanks and armored amphibian tractors.

Must be thoroughly familiar with the construction and principles of operation of field and seacoast artillery pieces. Must be able to diagnose malfunctioning of artillery pieces. Must be capable of performing major repairs.

Note-See also SSN's 839 and 915.

Inspects, tests, maintains, and repairs light and heavy antiaircraft artillery such as $90 \mathrm{~mm}, 40 \mathrm{~mm}$, and 20 mm antiaircraft guns.

Must be thoroughly familiar with the construction and principles of operation of antiaircraft artillery pieces. Must be able to diagnose malfunctioning of antiaircraft artillery. Must be capable of performing major repairs.

Note-See also SSN's 839 and 913.

## [HVY AA DIRECTOR TECH (***)]

Performs electrical and mechanical repairs to fire control directors, such as the M7 or M9, used with heavy antiaircraft artillery (e.g., the 90 mm ) ; replaces worn or broken parts; makes precision adjustments to internal mechanisms. Lubricates, adjusts, and repairs height finder mechanisms; replaces defective parts. Maintains and repairs generators and cable systems used with the director.

Must be thoroughly familiar with the construction and principles of operation of directors, such as the M7 or M9. Must be able to diagnose malfunctioning of the equipment. Must be capable of performing major repairs.

Note-After the SSN enter one of the code letters from the list below, and in the parenthesis after the title enter the name of the director which the Marine is qualified to repair.

A-M7.
B-M9.

Inspects, lubricates, and performs electrical and mechanical repairs on all types of fire control equipment, such as the M5
director, oil gear drive, and M5 generator, used with light antiaircraft (e.g., the 40 mm ). Replaces worn or broken parts; makes precision adjustments to component mechanism as necessary.

Must be thoroughly familiar with the construction and principles of operation of directors, such as the M5. Must be able to diagnose malfunctioning of the equipment. Must be capable of performing major repairs.

919 REMOTE CONTROL SYSTEM TECHNICIAN 11 [REMOTE CONTROL TECH]
Disassembles and assembles, cleans, adjusts, lubricates, and performs electrical and mechanical repairs to the component parts of antiaircraft fire control data transmission systems used for such weapons as the 90 mm antiaircraft gun. Services, adjusts, and repairs generators and such assemblies as multiple-conductor cables, junction box, transmitter, repeater, receptacle box, azimuth and elevation indicator, pole receptacle, fuze indicator, and distribution box.

Must be thoroughly familiar with the construction and principles of operation of control systems. Must be able to diagnose malfunctioning of the equipment. Must be capable of performing major repairs.

922

## FIRE CONTROL INSTRUMENT TECHNICIAN

11 [FC INSTRUM TECH]
Maintains and makes major repairs on all types of fire control optical and related instruments such as field glasses, BC telescope, aiming circle, range finder, tank periscope, angle of sight instruments, gunner's quadrant, and compasses.

Must be thoroughly familiar with the construction and operation of all types of nonelectrical fire control instruments. Must be able to perform major repairs.

Disposes of unexploded bombs, projectiles, and mines by excavating, disarming, removing, or detonating them.

Must be thoroughly familiar with explosives, projectiles, bombs, mines, booby traps, and fuzes of friendly and enemy manufacture. Must have a knowledge of the maintenance and use of excavating, rigging, and bomb disposal equipment.

As a member of an amphibian truck crew, operates and maintains an amphibian truck used to transport troops and material from ships to inland points.

Must be thoroughly familiar with operation and minor maintenance of amphibian trucks. Must know navigation rules, harbor markers, cargo stowage, rigging, knots, and camouflage principles.

RECRUITER
1
Performs any of the various duties involved in the procurement of military personnel. Interviews and furnishes information to prospective recruits, gives public speeches, and performs publicity duties relating to personnel procurement.

Must be thoroughly familiar with recruiting procedures.
937
RIFLE MARKSMANSHIP INSTRUCTOR
[RIFLE MKSHIP INSTR]
Instructs personnel in the techniques of rifle marksmanship and supervises them in rifle practice. Explains sight setting, and use of wind gauge, sling, and score book. May instruct in use of other small arms.

Must be thoroughly familiar with the theory of rifle marksmanship. Must be a competent instructor.

Takes still or motion pictures from aircraft in flight. May perform photographic laboratory duties. May install, adjust, and make minor repairs to aerial cameras.

Must be able to read maps and to follow flight lines on photographic missions. Must pass flight physical examination.

Inspects, cleans, tests, adjusts, repairs, and maintains ground, aerial, or motion picture cameras and darkroom equipment. Selects and checks equipment to be used on photographic missions; checks film timing and automatic and semi-automatic features of cameras. Maintains records on installation, use, and operation of cameras. May repair gun cameras.

Must be thoroughly familiar with the construction and principles of operation of various types of cameras.

945
Performs all tasks in a photographic laboratory incident to processing ground and aerial photographs. Prepares and mixes photographic solutions; develops negatives; makes contact and projection prints by means of a printing machine. May spot or retouch photographic prints and negatives. May assemble aerial photographic mosaics.

Must be thoroughly familiar with photographic laboratory equipment such as film developers, film driers, and print driers. Must be thoroughly familiar with various types of sensitized materials, print washes, and other chemicals used in photographic work.

> CARBURETOR MECHANIC, AIRCRAFT (Designated Type) [CARBUR MECH, AIR $\left({ }^{* * *}\right)$ ]

Disassembles, inspects, and repairs both float and pressure type airplane carburetors. Assembles, adjusts, and replaces component parts. Makes flow tests. May repair and maintain supercharger equipment.

Must be thoroughly familiar with the construction and principles of operation of airplane carburetors.

Note-After the SSN enter one of the ccde letters from the list below, and in the parenthesis after the title enter the type of carburetor which the Marine is qualified to repair.

P-Pressurized (i.e., Bendix injection type, e.g., Stromberg).
S-Suction (i.e., float or variable ventura type, e.g., Holley).
B-Pressurized and Suction.

Inspects, disassembles, cleans, repairs, assembles, and calibrates gyroscopic instruments and control devices such as driftmeters, bank and turn indicators, directional gyro indicators, and automatic pilot gyroscopic assemblies.

Must be thoroughly familiar with the principles of operation of gyroscopic instruments and must be able to make adjustments and repairs to insure accurate and dependable functioning.

Inspects, cleans, lubricates, adjusts, and repairs Link celestial navigation equipment used in training flying personnel. May operate equipment.

Must be thoroughly familiar with Link celestial navigation trainer equipment, and must be qualified to maintain and adjust mechanical, vacuum, electrical, and radio systems of trainer.

LINK CELESTIAL NAVIGATION TRAINER OPERATOR
By means of a Link celestial navigation trainer instructs personnel in the techniques of flying by celestial navigation. May make minor repairs and adjustments on trainer.

Must be thoroughly familiar with operation, use, capabilities, and limitations of the Link celestial navigation trainer. Must be familiar with dead reckoning radio aids and with the fundamentals of celestial navigation.

Plots course and navigates airplane over land and sea by dead reckoning and by celestial, radio, and radar navigation. Tests and inspects all navigation equipment; receives weather reports and instructions as to destination, course, and time of arrival; uses navigation instruments such as driftmeter, peloris, octant, radio compass, aperiodic compass, computes effects of various wind and weather factors on course; maintains logs.

Must be able to determine accurately position of aircraft at any time during flight. Must pass flight physical examination.

Combines the duties of Navigator (SSN 973) and Bombardier (SSN 509). Must be fully qualified as prescribed for both SSN 973 and SSN 509.

Operates and performs minor adjustments on 16 mm sound and silent motion picture projection equipment. Sets up and adjusts screens, speakers, and projectors; inserts film in projectors; adjusts sound for volume and quality; checks film for strained sprocket holes, tears, breaks, scratches, and other damage.

Note-Use SSN 137 for personnel qualified both to repair and to operate 16 mm equipment. See also SSN 847 .

Performs various stockroom duties incident to the handling of ordnance supplies other than spare parts. Receives incoming ordnance supplies; checks supplies against requisitions, invoices, and bills of lading; stores supplies in bins, racks, or compartments, arranging items in such a manner so as to facilitate issue and taking of inventories, and to provide maximum protection against damage and deterioration; receives and fills requisitions, maintains such records as are kept in the warehouse or stockroom, and takes inventories. May also crate, pack, and ship ordnance supplies.

Must be thoroughly familiar with ordnance equipment other than spare parts. Must know nomenclature of equipment. Must have general familiarity with warehousing procedure. Should have general familiarity with regulations governing accountability and responsibility for government property.

Note-Technicians qualified to repair and maintain ordnance equipment will retain their technical SSN's as primary. See also SSN 848 . See also SSN 735 for persons who du not meet minimum qualifications as set forth above.

Operates, cleans, and performs minor maintenance on a fuel mixing machine used to prepare fuel for mobile or portable flame throwers. May charge flame throwers.

Must be thoroughly familiar with safety precautions for handling materials used to prepare flame thrower fuel. Must know correct proportions of materials to use under varied climatic conditions. Should have a general knowledge of pump equipment.

Performs all types of repairs, overhauls, and adjustments on 35 mm motion picture projection and sound-reproducing equipment. Repairs head mechanisms, motors, optical systems, electrical systems and sound amplifying systems.

Must be a graduate of a naval sound motion picture technician's school, or have equivalent training or experience. Must have a thorough knowledge of both the incandescent and arc types of 35 mm projection equipment. Must be able to diagnose malfunctioning of assemblies and units and to determine whether parts should be replaced, repaired, or salvaged.

Note-See also SSN 206.

As a member of the crew of an armored amphibian tractor used in amphibious and assault missions, performs one or more duties such as driving, radio tending, weapons firing and maintenance, vehicle inspection and minor maintenance. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more armored amphibian tractors and their crew members.

Must be capable of performing all of the basic duties in the tractor crew. Should have sufficient knowledge of tactical employment of armored amphibian tractors to be able to anticipate commands, to take advantage of available cover on land, and to maneuver to secure best fields of fire.

RUBBER BOAT MAN
Inspects, tests, maintains, and repairs rubber boats and outboard motors. May repair other rubberized fabrics. May operate rubber boats during landing or reconnaissance operations.

Must be thoroughly familiar with the construction and operation of rubber boats and outboard motors.

Inspects, tests, services, and makes all manner of repairs and replacements on gasoline- or Diesel-powered amphibian tractors or armored amphibian tractors, excluding repairs to the armament, armament accessories, and communication equipment. May maintain and repair other types of vehicles in an amphibian tractor or armored amphibian tractor unit.

Must be thoroughly familiar with amphibian tractor construction. Must have knowledge of the theory, construction, and operation of tractor engines, and be competent to perform major repairs.

Note-See also SSN 907.

## [AMPHTRAC CREWMAN]

As a member of the crew of amphibian tractor used in transporting troops and supplies, performs one or more duties such as driving, radio tending, weapons firing and maintenance, or vehicle inspection and minor maintenance. May perform supervisory duties incident to the control, coordination, and tactical employment of one or more amphibian tractors and their crew members.

Must be capable of performing all of the basic duties in the tractor crew. Must be thoroughly familiar with the operation and minor maintenance of amphibian tractors. Must know navigation rules, harbor markers, and cargo stowage.

An enlisted Marine regularly performing duties of a highly specialized nature that are not covered by one of the military specialties described in this manual.

Nore-This specification serial number will be used only after clearing each specific case with Headquarters, Marine Corps, as described in Sections 11 and 14 of Chapter I.

Delivers secret and confidential mail pouches, documents, maps, and other classified materials; assures safe and timely arrival to authorized persons at domestic or foreign locations.

Must be thoroughly familiar with regulations pertaining to the security of all classified material.

## Chapter IV <br> FUNCTIONAL FIELDS

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2. Miscellaneous. ..... 213
213
3. Administrative and clerical.-This group includes MOS's primarily concerned with administrative and clerical duties.

## OFFICER

0002 General Officer
1950 Seá Duty Officer
2010 Chief of Stafp
2030 Aide-de-Camp
2110 Adjutant
2120 Administrative Officer
2162 Operations and Training Officer, G-3
2201 Personnel Assignment Officer
2202 Civilian Personnel Officer
2210 Classification and Assignment Officer
2260 Personnel Officer, G-1

2270 Personnel Procurement Officer
Machine Reconds Officer
Historical Officer
2430 Graves Registration Officer
2520 Training Officer
2900 Nontactical Unit Officer
4010 Supply Officer, Staff-4
5752 War Bonds Officer
6110 Auditing Officer
8101 Legal Officer
8103 Trial Judge Advocate
8104 Civil Affairs Officer

ENLISTED

055 Clerk, General
105 Addressing Machine Operator or Embossing Machine Operator
212 Statistical Clerk
213 Stenographer
268 Accountant
272 Key Punch Operator
275 Classification Specialist
279 Legal Clerk
350 Bookkeeper
351 Bookkeeping Machine Operator

370 Proofreader
400 Tabelating Machine Operator 405 Clerk-Typist
457 Shop Clerk or Engineering Clerk, Aviation
501 Clerk, Administrative
534 Chaplain's Assistant
584 Sergeant Major
585 First Sergeant
791 Operations Assistant
936 Recroiter
2. Artillery.-This group includes MOS's primarily concerned with the tactical employment of artillery and related fire control equipment.

## OFFICER

| 1029 | Arrial Obberver, Artillery | 1174 | Light Antiaircrapt Officer |
| :---: | :---: | :---: | :---: |
| 1115 | Naval Gunfire Officer | 1176 | Antiaircraft Officer |
| 1132 | Searchlight Officer | 1187 | Rocket Officer |
| 1172 | Heavy Antiaircraft Officer | 1193 | Field Artillery Officer |
| ENLISTED |  |  |  |
| 588 | Roceret Crewman | 645 | Field Artillery Fire Control |
| 594 | Light Antiaircraft Fire Control Man | 692 | Man <br> Heiget Finder Observer |
| 596 | Heafy Antiaircraft Fire Control Man | $\begin{aligned} & 763 \\ & 784 \end{aligned}$ | Searchlight Crewman Weather Obgerver |
| 601 | Heavy Antiaircraft Gun CrewMAN | $\begin{aligned} & 797 \\ & 845 \end{aligned}$ | Naval Gunfire Shore Chief Heavy Artillery Crewman |
| $1: 03$ | Field Artillery Crewman | 864 | Light Antiaircraft Gun Crew- |
| 606 | Antiaircraft Machine Gon |  | Man |

3. Aviation.-This group includes MOS's exclusively concerned with Marine Corps Aviation. MOS's common to both Aviation and Ground Forces are found in the appropriate functional fields.

## OFFICER

0130 Radar-Radio Officer
0160 Radar Operations Officer, Air Warning
0520 Airborne Intercept Operator
0914 Pilot, VMJ-Twin Enaine
0915 Pilot, VMJ-Single Enaine
0916 Pilot, VMR-Twin Enaine
0917 Pilot, VMR-Four Engine
1006 Test Phot
1014 Controller, Day
1016 Controller, Night
1021 Pilot, VMSB-Sinale Enaine
1022 Pilot, VMB-Twin Engine
1034 Navigator
1035 Bombardier
1036 Navigator-Bombardier
1040 Oxygin and Safety Equipment Officer
1042 Pilot, VMD-Single Enaine
1043 Phot, VMD-Twin Enaine
1044 Phot, VMD-Four Enaine
1045 Phor, VMD (Carrier)-Single Enaine
1047 Phot, VMBF-Single Engine

1055
1056
1057
1058
1059
1068
1070
1080

2158 Operations Officer, Squadron
2161 Operations Officer, Aviation, Stafr-3
2164 Air Officer, Ground, Stafp-3
2167 Operations Officer, Air Field
2173 Air-Ground Liaison Officir

## OFFICER (Continued)

| 2543 | Pilot, Babic |
| :--- | :--- |
| 2547 | Instrument Flight Instructor |
| 2548 | Speclal Devices Officer |
| 4005 | Quartermaster Officer, Avia- |
|  | tion |
| 4011 | Supply Officer, Aviation, |
|  | Staff-4 |
| 4532 | Aviation Ordnance Officer |
| 4820 | Parachote Officer |
| 4823 | Aircraft Engineering Officer |
| 4827 | Absembly and Repair Shop |
|  | Officer, Aircraft |
| 4828 | Amcraft Maintenance Officer |
|  | (Designated Type) |
| 4833 | Aircraft Engine Overigaul |
|  | Officer |Officer

9980 Pilot, VMTB-Single Enaine
9981 Pilot, VMTB(Carkier)-Single Engine
Pilot, VMF(T)-'Twin Enaine

## ENLISTED

125 Electroplater
129 Foundryman
148 Patternmaker
190 Riveter, Pnecmatic
241 Tool Maker or Tool Designer
454 Diver
485 Tank Farm Operator, Gasoline Storage
509 Bombardier
518 Recoanition Instructor
519 Paintelf, Aircraft
523 Plastic Glass Worker
528 Hydraulic Mechanic, Aircraft
546 Photo-Gunner, Aviation
547 Photo-Turhet-Gunner, Aviation
548 Fabric Worker, Aircraft
550 Carpenter, Aircraft
552 Control Tower Operator
555 Metalsmith, Aviation
560 Mechanic-Turhet-Gunner, AviATION
562 Inspector, Airchaft Parts and Accessories
563 Armorer-'Turiet-Gunner, AviaTION
564 Crash Crewman
568 Target Aircraft Radio RepairMAN
570 Target Ancraft Parachute Packer
611 Aerial Gunner
612 Armorer-Gunner, Aviation
620 Parachute Rigger
626 Field Ligiting Truck Operator

631 Intelligence Clerk, Aviation
643 Clearance Desk Clerk
656 Arrial Mine Workier
658 Line Trainer Instructor
662 Torpedoman, Aircraft
665 Fuel Tank Repairman
678 Turret Mechanic, Aircraft (Designated Type)
Automatic Pilot Mechanic
Bombsight Meceanic
Engine Overhaul Mechanic, Aircraft (Designated Engine)
685 Electrician, Aircraft
686 Instrument Mechanic, Aurcraft
687 Propeller Mechanic (Designated Type)
688 Tow Reel Operator
689 Rigger, Aircraft
691 Synthetic Gunnery Instructor (Designated Device)
714 Turbet Gunner, Aviation
719 Oxygen and Carbon Dioxide Man
728 Aviation Salvage Chew Mecenanic
747 Mechanic, Aircraft (Designated Type)
748 Meceanic-Gunner, Aviation
750 Leading Chief, Aviation
751 Engineering Chief, Aviation (Designated Type)
752 Line Chief, Aviation (Designated Type)
$75 \bar{j}$ Radio Operator, Aerial

## ENLISTED-Continued

| 756 | Radar-Radio Operator, aerial | 842 | Synthetic Devices Mechanic |
| :---: | :---: | :---: | :---: |
| 757 | Radio-Gunner, Aviation | 869 | Navy Supply Man |
| 758 | Radar-Radio-Gunner, Aviation (Designated Equipment) | $\begin{aligned} & 911 \\ & 940 \end{aligned}$ | Armorer, Aircraft Photographer, Aerial |
| 769 | Radio-Turret-Gunner, Aviation | 956 | Carburetor Mechanic, Air- |
| 770 | Pioot |  | craft (Designated Type) |
| 771 | Pilot, Glider | 961 | Gyro Mechanic, Aircraft |
| 774 | Airborne Radar Technician (Designated Equipment) | 969 | Ling Celestial natigation Trainer Mechanic |
| 787 | Weather Forecabter | 970 | Lint Celestial Natigation |
| 814 | Operations Clerr, Aviation |  | Trainer Operator |
| 826 | Aviation Supply Man | 973 | Navigator |
| 835 | Materiel Clers, Aviation | 974 | Navioator-Bombardie |
|  | Link Trainer Mechanic |  |  |

4. Band.-This group includes MOS's primarily concerned with band and musical activities.

## OFFICER

5241 Band Officer

## ENLISTED

020 Band Leader
021 Bandsman, Not Elsewhere Classified
175 Bandsaman, Оboe
176 Bandsman, Bassoon
432 Bandsman, Clarinet
433 Bandsman, Cornet or Bandsman, Trumpet
434 Bandsman, Bass Drum
435 Bandsman, Snare Drum

436 Bandsman, Euphonidm or
Bandsman, Baritone
437 Bandsman, Flute or
Bandsman, Piccolo
438 Bandsman, French Horn
439 Bandsman, Saxophone
440 Bandsman, Trombone
441 Bandsman, Tuba
524 Musical Instrument Repairman
801 Drum Major
803 Field Music
5. Communication.-This group includes MOS's primarily concerned with the installation, operation, and maintenance of communication and electronic equipment.

## OFFICER

0115 Radar Officer, Ground Equipment
0200 Communication Officer
0220 Message Center Officer or Communication.Watch Officer
0225 Radio Intelligence Officer
0300 Communication Ofricer, Tank and Amphibian Tractor

0350 Commonication Officer, Field Artillery
0420 Telephone and Telegraph Officer
0500 Radio Officer
0503 Communication Officer, VHF
0508 Radio Relay Officer
0510 Crystal Grinding Officer

## ENLISTED

$\left.\begin{array}{cl}039 & \text { Cable Splicer } \\ 097 & \text { Ingtaller-Repairman, Central } \\ \text { Office }\end{array}\right\}$

530 Draftsman, Signal
542 Communication Chiff
641 Telephoneman
642 Code Talker
646 Telephone Electhician
648 Signal Electrician
649 Radio Technician
654 Radio Relay Technician
667 Message Center Man
739 Intercept OperatorJapanebe
759 Radio Technician, VHF
766 Radio Operator, High Speed
767 Radiotelephone Operator
775 Radar Technician (Designated Equipment)
776 Radio Operator, Low Speed
851 Radar Beacon Operator
6. Engineer.-This group includes MOS's primarily concerned with construction, maintenance, and repair of roads, bridges, buildings, and utilities, and with surveying, drafting, mapping, and reproduction.

## OFFICER

1331 Engineer Officer
1363 Shore Party Officer
4615 Machine Shop Officer
4616 Paint Shop Officer
4617 Sheet Metal Shop Officer
4618 Carpenter Shop Officer
4831 Fumigation and Bath Officer
4880 Engineer Equipment Maintenance Officer

7120 Utilities Officer
7916 Mapping Officer
7917 Reproduction Officer
8504 Relief Mapping Officer or Landfall Recognition Officer
9511 Camouflage Officer

## ENLISTED

004 Phototopographer
024 Blackbmith
028 Photostat Operator or Blueprinter
034 Bricklayer
035 - Carpenter, Bridge
038 Cabinetmaker
050 Carpenter, General
059 Construction Chief
063 Crane Operator
070 Draftsman, General
071 Draptsman, Mechanical
075 Draftsman, Electrical
076 Draftsman, Topographic

078 Electrician, General
082 Stationary Engineer
084 Boiler Fireman
090 Heat-Treater
107 Photolithographer
113 Woodworkina Machine
Operator
Machinist
Maintenance Man, General
Multilith Operaton or Multigraph Operator
Relief Mapper or Landfall Technician
144 Painter, General

ENLISTED (Continued)

341 Shop Maintenance Mechanic
359 Enginemer Equipment Operator
459 Sawnill Operator
533 Demolition Spectalist
593 Enginkra Opreations Chier
705 Babic Enginerer
706 Fomgation and Bath Man
727 Water Supply Man
729 Shore Party Man
793 Parts Clirbi, Enainerr
796 Congtruction Cref Limader
800 Camoufleur
822 Utilities Chiff
846 Power Supply Mechanic
995 Rubber Boat Man
7. Food.-This group includes MOS's primarily concerned with the preparation and serving of food.

## OFFICER

4110 Mres Officer
4120 Bakiery Officer

## ENLISTED

017 BaEER
037 Meat Cutter

060 Coor
062 Steward
8. Infantry.-This group includes MOS's primarily concerned with the immediate employment of combat weapons in infantry units and with the training of infantry personnel.

## OFFICER

1023 Aerial Obberver, Tactical
1524 Antitank Officer

1542 Infantry Offichr
4915 Range Officer

## ENLISTED

| 597 | Self-Propellidd Weapon | 746 | Automatic Riflieman |
| :---: | :---: | :---: | :---: |
|  | Crimman, Full Track | 761 | Scout-Smiper |
| 604 | Machine Gun Criwman | 781 | Flame Thrower Operator |
| 607 | Mortar Crimwan | 794 | Bazoora Operator |
| 610 | Anttrani Gun Crewman | 812 | Infantry Ceiter |
| 707 | Driml Instructor | 937 | Rifle Marimanship Instr |

745 Rifleman
9. Intelligence.-This group includes MOS's primarily concerned with the collection, evaluation, interpretation, and dissemination of information concerning the enemy.

OFFICER

| 8503 | Photo Interpretation Officer | 9330 | Japanese Language Officer |
| :--- | :--- | :--- | :--- |
| 9301 | Combat Intelligence Officer | 9331 | Chinese Language Officer |

9312 Reconnaibsance Opficer

## ENLISTED

| 267 | Tranglator (Designated | 636 |
| :---: | :---: | :---: |
| Language) | 890 | Phtelligence Man |
|  |  |  |

10. Motor transport.-This group includes MOS's primarily concerned with the operation, maintenance, and repair of motor vehicles, including amphibian trucks.

OFFICER

OG00 Motor Thangport Officer 4805 Motor Transport Maintenance
0668 Amphibian Truce Officer
Officer

## ENLISTED

013 Dideel Mechanic
014 Automotive Mechanic
143 Painter, Vehicles
172 Body and Radiator Repairman
215 Storage Battery Electrician
240 Tire Repatrman
244 Tractor Driver
245 Truck Driver, Heavy
316 Automobilz Serviceman
337 Automotive Repair Shop Chief

345 Trock Driver, Light or Chauffeur
348 Parts Clerk, Automotive
410 Dispatcher, Motor Vehicle
414 Automotive Carbtretor and Ianition Mechanic

668 Truckmaster
699 Ambulance Driver
813 Motor Transport Chief
934 Amphibian Truck Crew man
11. Ordnance.-This group includes MOS's primarily concerned with maintenance and repair of small arms, artillery, munitions, fire control equipment, watches, optical instruments, tanks, and amphibian tractors.

OFFICER

| 4510 | Munitions Officer | 4808 | Weapons Maintenance and |
| :--- | :--- | :---: | :---: |
| 4801 | Ordnance Officer |  | Repair Officer |
| 4803 | Tane Maintenance Officer | 9224 | Bomb Digposal Officer |
| 4806 | Fire Control Ingtrument | 9953 | Ampibian Tractor Mainte- |
|  | Repair Officer |  | nance Officer |

## ENLISTED

381 Watch Repairman
505 Ammunition Technician
511 Small Arms Mechanic
635 Searchlight,Technician
660 Tank Mechanic
815 Chief Ordnanceman, Artillery
823 Ordnance Shop Technician
836 Chief Ordnanceman, Light
Antiaircraft Fire Control
838 Chief Ordnanceman, Heavy
Antiaircraft Fire Control
Artillery Mechanic
Parts Clerk, Ordnance
Munitions Worker
907 Turret Armorer, Tank and
Amphibian Tractor

913 Field Artillery Mechanic
915 Antiaircraft Artillery Mechanic
917 Heavy Antiaircraft Directon Technician (Designated Director)
918 Light Antiaircraft Director Technician
919 Remote Control System Technician
922 Fire Control Instrument Technician
924 Bomb Disposal Technician
979 Fuel Mixer Operator, Flame Thrower
996 Amphibian Tractor Mechanic
12. Paymaster.-This group includes MOS's primarily concerned with the disbursement of government funds to military personnel for services, allowances, and travel.

OFFICER
6201 Paymaster Officer
ENLISTED
622 Paymaster Clerk
13. Photographic.-This group includes MOS's primarily concerned with the taking and processing of still and motion pictures, and the maintenance of photographic equipment.

OFFICER
8500 Photographic Officer 8535 Motion Picture Production Officer

ENLISTED

043 Cameraman, Motion Picture
152 Photographer, Still
155 Photographer, Identification
561 Photographic Service
Technician

941 Camera Technician
945 Photographic Laboratory
Technician
14. Postal.-This group includes MOS's primarily concerned with the processing and distribution of mail.

OFFICER
0030 Postal Officer
15. Public relations and publications.-This group includes MOS's primarily concerned with the collection, preparation, and dissemination of written, pictorial, and recorded material.

OFFICER
5400 Publications Officer 5555 Artist
5401 Public Relations Officer

## ENLISTED

274 Combat Correspondent
296 Artist
399 Publication Man

798 Radio Correspondent
841 Recording Technician
16. Quartermaster.-This group includes MOS's primarily concerned with the procurement, handling, distribution, and accounting of supplies and equipment, with the transportation of supplies and personnel, and with various other Quartermaster services.

## OFFICER

\(\left.\begin{array}{cl}0610 \& Freight Transfortation <br>

Officer\end{array}\right]\)| 0611 | Passenger Transportation |
| :--- | :--- |
|  | Officer |
| 0631 | Stable Officer |
| 0750 | Railroad Officer |
| 0825 | Boat Officer |
| 3200 | Veterinary Officer |
| 4000 | Quartermaster Officer-QDO |
| 4001 | Basic Quartermaster Officer |
| 4002 | Inventory Officer |
| 4200 | Dibbursing Officer |
| 4222 | Commissary Officer |
| 4310 | Purchasing and Contracting |
|  | Officer |
| 4360 | Printing Officer |
| 4400 | Signal Stpply Officer |
| 4406 | Transport Qoartermaster |
|  | Officer |


| 4416 | Supply Status Officer |
| :---: | :--- |
| 4419 | Grneral Property Supply |
|  | Officer |
| 4440 | Motor Transport Supply |
|  | Officer |
| 4470 | Engineer Supply Officer |
| 4472 | Engineer Spare Parts Officer |
| 4474 | Photographic Supply Officer |
| 4530 | Ordnance Supply Officer |
| 4600 | Salvage Officer |
| 4710 | Warehouse Officer |
| 4830 | Laundry Officer |
| 4930 | Quartermaster Officer |
| 4942 | Forebtry Officer |
| 4960 | Fuel Supply Officer |
| 4961 | Publications Distribution |
|  | Officer |
| 6302 | Budget and Fiscal Officer |
| 7115 | Landscape Officer |

## ENLISTED

033 Brakeman, Railway
046 Rallway Carpenter-Mechanic
047 Traffic Man, Railway
058 Conductor, Railway
069 Railway Chief
093 Horse Trainer

094 Horseshoer
102 Laundry Foreman
103 Laundry Machine Operator
104 Laundry Mechanic
106 Linotype Operator
110 Locomotive Engineer

## ENLISTED (Continued)

111 Locomotive Fireman
118 Boat Criwman
188 Printer
169 Job Prebsman
194 Salvage Man
200 Sefing Machine Oplerator
202 Carpenter, Ship
203 Pacerer
204 Cobbler
234 Tatuer
235 Teambtidr
242 Toolroom Kerper
248 Upholsterer
251 Warehoubeman
265 Yardmabter
266 Railway Cleri
271 Stevedore
282 Office Machine Serviceman
(Designated Machine)
Procurement Cuerf
Traffic Ratt Clibri
Chemical Laboratory
Technician
Boorbinder
425 Tabulating Machine
Repaitman

477 Mechanic, Marine Engine
566 Propierty NCO
573 Freiget Transportation Clere
574 Pabsenger Tranbportation Clerk
575 Quartermaster Disburbing Clerri
580 Supply Records Clerg
581 Signal Stocx Man
582 Inventory Cleri
583 Enaineer Stock Man
598 Freiget Loading Man
609 Canvas and Leather Worker
639 Quartermaster Supply Chief
669 Quartermaster Supply Babic
710 Stableman
711 Ship Loading Man
723 Sefing Machine Repairman
735 Stockman, General
740 Motor Trangport Stock Man
819 Commisbary Man
821 Quartermaster Supply Man
844 Photographic Stoce Man
978 Ordnance Stock Man
17. Security and guard.-This group includes MOS's primarily concerned with law enforcement, domestic security, delivery of classified materials, fire protection, and war dog training and utilization.

| 0015 | Courler Officer | 9110 | Military Police Office |
| :--- | :--- | ---: | :--- |
| 4371 | War Dog Officer | 9307 | Domestic Sectrity Off |
| 7422 | Safety Ingpector | 9414 | Fire Marbial |
| 9100 | Provobt Marshal |  |  |
|  |  |  |  |
| 301 | Invegtigator | 522 | Guard |
| 307 | Fingerprinter | 677 | Military Policeman |
| 383 | Fire Fighter | 873 | Dog Handler, Sentry |
| 458 | Dog Trainer | 897 | Dog Handler, Combat |
| 486 | Safity Inspector | 999 | Courier |

18. Special services.-This group includes MOS's primarily concerned with special services activities, including education, recreation, athletic, welfare, rehabilitation, and post exchange.

## OFFICER

| 2235 | Rebabilitation Officer | 5621 | Club Manager or Lodging |
| :--- | :--- | :---: | :---: |
| 4210 | Pobt Exchanae Officer |  | Hoves Manager |
| 5000 | Sprcial Servicrs Officer | 5661 | Athletic and Recreation |
| 5580 | Library Ofyicer |  | Officer |

ENLISTED

262 Occupational Tecenician
283 Recreation Absietant
391 Librart Clerkx

820 Poet Exchanaz Man
868 Spectal Servicms Assigtant
19. Tank and amphibian tractor.-This group includes MOS's primarily concerned with the tactical employment of tanks and cargo-carrying and armored amphibian tractors.

## OFFICER

| $\begin{aligned} & 1203 \\ & 0051 \end{aligned}$ | Tank Officer <br> Ampaibian Tractor Officer | 9952 | Armorid Amphibian Tractor Officer |
| :---: | :---: | :---: | :---: |
| ENLISTED |  |  |  |
| 736 | Tank Criwman | 997 | Amphibian Tractor Cremman |
| 994 | Armored Amphibian Tractor |  |  |

20. Training aids.-This group includes MOS's primarily concerned with training aids activities including motion picture projection.

OFFICER
8523 Training Aids Officer
ENLISTED

137 Prosector Operator-
Repairman, 16mm
206 Projectionist, 35mm

847 Training Aids Specialist
977 Prosectionist, 16mm
980 Projector Repairman, 35mm
21. Miscellaneous.-This group includes MOS's not included in any of the preceding groups.

OFFICER

| 0001 | Basic Officer | 5505 | Correspondence School. |
| :--- | :--- | :--- | :--- |
| 0006 | Military Specialty Undetermined |  | Officer |
| 2721 | Recoanition Officer | 7314 | Chemical Warfare Officer |
|  |  | 9999 | Special Assignment |

ENLISTED

| 022 | Barber or Beauty Opfrator | 659 | Ingtructor (Designated |
| :--- | :--- | :--- | :--- |
| 196 | Sanitary Control Man |  | Specialty) |
| 373 | Sales Cuerz | 695 | Orderly |
| 500 | Military Specialty Undetermined | 837 | Combat Conditioner |
| 521 | Babic | 870 | Chemical Warfare Specialibt |
| 545 | Baraces NCO | 998 | Special Asbignment |
| 565 | Pouice NCO |  |  |


| APPENDIX A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S |  |  |  |  |
| See Section 13, Chapter I for instructions regarding the use of this table. SSN's authorized in the old Army publicher tive) and supplements thereto and deleted by TM 12-406 are not included in this table. In certain instances, when the Army publications are possibly convertible to one SSN or represent jobs that do not occur in the Marine Corps and individual job titles are omitted. |  |  |  |  |
| Ss: | Job Title |  |  | Suggested Conversions; remarks |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 0001 | Basic Officer. | Military Specialty Undetermined* | Duties Unassigned or Not Qualified in MOS. | *See also 0006 |
| 0003 |  |  | Relieved from Duty, Sick in Hospital as Patient. | Appropriate SSN |
| 0004 |  |  | Relieved from Duty, Sick, Absent from Post. | Appropriate SSN |
| 0005 |  |  | Relieved from Duty, on Detached Service. | Appropriate SSN |
| 0009 |  |  | Special Assignment. | 9999 |
| 0102 0110 |  |  | Aircraft Warning Plotter Officer. <br> Aircraft Warning Officer, Ground Reporting Equipment. | 0160, 1014, 1016, 1068 0115, 0130, 0503 |
| 0120 |  |  | Aircraft Warning Officer, Gunlaying \& Searchlight Equipment. | 0115 01150130 |
| 0140 0141 |  |  | Radar Officer <br> Radar Officer, Air | 0115, 0130 |
| 0145 |  |  | Radar Maintenance \& Repair Óficer. | 0115, 0130 |
| 0151 |  |  | Radar Officer-Special (AH-1)...... | 0115, 0130 |
| 0210 |  |  | Signal Officer | 0200 |
| 0213 |  |  | Post Signal Officer. | 0200 |
| 0215 |  |  | Signal Officer, Basic | 0200 |
| 0221 |  |  | Message Center Officer, Field ... | 0220 |
| 0222 |  |  | Message Center Officer, Fixed Station. | 0220 |

0130,0500

9953
9100,9110
0610



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CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S-Continued

| SSN | Job Title |  |  | remarks <br> Suggested Conversions; |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 1112 |  |  | Barrage Balloon Unit Commander... | None |
| 1113 |  |  | Barrage Balloon Control Officer . . . . | None |
| 1116 |  |  | Barrage Balloon Engineer | None |
| 1122 |  |  | Underwater Ranging Unit Commander. | None |
| 1143 |  |  | Submarine Mine Unit Commander | None |
| 1154 |  |  | Sound \& Flash Observation Unit Commander. | $1193$ |
| 1159 |  |  | Coast Artillery Officer, Staff | None |
| 1160 |  |  | Harbor Defense Commander........ | None |
| 1161 |  |  | Harbor Entrance Control Post Officer. | None |
| 1164 |  |  | Ground Ranging Unit Commander. . | None |
| 1175 |  |  | Antiaircraft Artillery Operations Officer. | 1172, 1174, 1176 |
| 1177 |  |  | Airborne Antiaircraft Unit Commander. | None |
| 1179 | . . . . . . . |  | Antiaircraft Officer, Staff. . . . . . . . | 1172, 1174, 1176 |
| 1183 |  |  | Reconnaissance \& Survey Officer | 1193 |
| 1188 |  |  | Fire Direction Officer . .il. | 1193 1193 |
| 1190 |  |  | Parachute Field Artillery Unit Commander. | None |
| 1192 |  |  | Infantry Cannon Unit Commander. . | 1193, 1524 |
| 1194 |  |  | Pack Field Artillery Unit Commander. | $1193$ |
| 1195 |  |  | Airborne Field Artillery Unit Commander. | None |
| 1197 |  |  | Armored Field Artillery Unit Commander. | None |
| 1199 |  |  | Field Artillery Officer, Staff. . . . . . | 1193 |




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CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 1620 |  |  | Mechanized Cavalry Unit Commander. | None |
| 1624 |  |  | Cavalry Pioneer Unit Commander... | None |
| 1922 | , |  | Transport Gun Crew Commander. Combat Liaison Officer. | 1950 Appropriate SSN |
| $\begin{aligned} & 1930 \\ & 1980 \end{aligned}$ |  | Commanding Officer VMO-AS. . | Combat Liaison Officer. . . . . . . . . | Appropriate SSN |
| 2011 |  |  | Secretary of the General Staff | 2120 |
| 2018 |  |  | Troop Transport Commander. | None |
| 2019 |  | Post Commander. | Post Commander............. | 2900 |
| 2025 |  |  | Chief or Director, Major Departmental Unit. | 2120 or Appropriate SSN |
| 2042 |  |  | Technical and Tactical Board Member. | Appropriate SSN |
| 2115 |  |  | Recording Secretary | 2120 |
| 2116 |  |  | School Secretary | 2120 |
| 2117 |  | Secretary | Administrative Inspector | 2120 Appropriate SSN |
| 2124 |  |  | Administrative Officer, Military Government. | 2120, 8104 |
| 2136 |  |  | Unit Officer, Nontactical. | 2900 |
| 2140 |  |  | Air Liaison Officer, Sta | 2164 |
| 2145 |  |  | Staff Director, WAC...... | None 2162,2520 |
| 2154 |  |  | Organization and Training Officer | 2520, 5400, 8523 |
| 2156 |  |  | Rationing Officer............ | 2120 |
| 2159 |  |  | Flight Control Officer | 2167 |
| 2161 | Operations Officer, Aviation, Staff -3. | Aviation Operations Officer, Tactical. | Operations Officer, ${ }^{\text {Pr }}$ Air Forces. | See also 2158, 2167 |
| 2165 |  |  | Operations Officer, General Staff | 2161, 2162 SSN |
| 2166 2170 |  |  | Tactical Inspector. | Appropriate SSN |
| 2170 2200 |  | Military Personnel Officer. | Technical Operations Officer Military Personnel Officer. . | Appropriate SSN <br> 2110, 2120, 2201, 2210, 2260 |



CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 2532 |  |  | Director of Bombardier Ground Training. | 1035 |
| 2533 |  |  | Director of Aerial Navigation Training. | 1034 |
| 2534 |  |  | Director of Aerial Gunnery Training. | $2548$ |
| 2535 |  |  | Director of Aerial Observation Training. | $1023,1029$ |
| 2536 |  |  | Director of Glider Training. . . . . . . . | None |
| 2539 | - | . | Glider Operations Officer . . . . . . . . . . . | None |
| 2545 |  |  | Flying Instructor, Advanced, Single Engine. | Appropriate Pilot SSN |
| 2546 |  |  | Flying Instructor, Four Engine...... |  |
| 2549 |  |  | Flying Instructor, Glider. . . . . . | None |
| 2550 |  |  | Aerial Instructor, Bombardiering | 1035 |
| 2552 | , | Bombardier Instructor | Bombardier Instructor. | 1035 1034 |
| 2554 |  | Aerial Gunnery Instructor | Aerial Gunnery Instructor | 2548 |
| 2556 | . . . . . . . |  | Gunnery and Bombing Range Officer. | 4915 |
| 2557 |  |  | Pilot, Bombardier Training. . . . . . . . | Appropriate Pilot SSN |
| 2559 |  |  | Pilot, Navigation Training. . . . . . . . . | Appropriate Pilot SSN |
| 2561 |  |  | Flying Instructor, Advanced Twin Engine. | Appropriate Pilot SSN |
| 2563 |  |  | Flying Instructor, Specialized B-26.. | 1022 |
| 2565 | ......... |  | Contract Flying School Supervisor. . | None |
| 2600 |  | Administrative Assistant | Administrative Assistant. | 2120 |
| 2601 |  |  | Administrative Assistant, Legal | 2120, 8101 |
| 2610 |  |  | Procedures Control Officer. . | None |
| 2611 |  |  | Organization Control Officer . . . . . . . | None |
| 2613 |  | . | Production Planning and Control Officer. | None |
| 2614 |  |  | Locator File Officer. | None |

Equipment
Organization and
Planning Officer.


| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 2910 |  |  | Service Company Commander. | 2900 |
| 2919 |  | Guard Detachment Officer. |  | 2900 |
| 3000 |  |  |  | None |
| to $\left.{ }_{3182}\right\}$ |  |  |  | None |
| 3201 |  |  | Veterinary Officer, Large Animal. | 3200 |
| 3202 |  |  | Veterinary Officer, Small Animal. | 3200 |
| 3203 |  |  | Veterinary Officer, Staff. . . . . . | 3200 |
| 3205 3207 |  |  | Veterinary Officer, Remount........ <br> Veterinary Unit Commander | 3200 3200 |
| 3207 3221 |  |  | Veterinary Unit Commander. <br> Meat and Dairy Products Inspector | 3200 4222 |
| 3222 |  |  | Meat Products Inspector......... | 4222 |
| 3223 |  |  | Dairy Products Inspector | 4222 |
| 3224 |  |  | Food Chemist.............. | None |
| 3231 3301 |  |  | Veterinary Laboratory Officer | None |
| $\left.\begin{array}{c} 3301 \\ \text { to } \end{array}\right\}$ |  |  |  | None |
| 3506 |  |  |  |  |
| 4000 | Quartermaster Officer, QDO. | Quartermaster Officer*. | Supply Officer, General*. | *See also 4930 |
| 4012 |  |  | Director of Supply. | 4000, 4005 |
| 4015 |  |  | Quartermaster, Staff | $4000,4005$ |
| 4112 |  |  | Restaurant Officer <br> Mess, Supply and Transportation | $\begin{aligned} & 4111,4210,5621 \\ & 0600,4000,4110 \end{aligned}$ |
|  |  |  | Officer. |  |
| 4121 |  |  | Technical Officer, Bakers and Cooks. | 4120 |
| 4130 4132 |  | Subsistence Procurement Officer. | Subsistence Procurement Officer.... | 4222 |
| 4132 4220 |  |  | Forage Inspection Officer. | None |
| 4221 |  |  | Port Quartermaster. | 4000, 4005 |
| 4305 |  |  | Insurance Consultant | None |
| 4309 |  |  | Renegotiation Officer | None |

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| eal Estate Officer |  |
| :---: | :---: |
|  |  |
| Procurement Planning and Control Officer. |  |
|  |  |
|  |  |
| Procurement Survey Officer. |  |
| Priorities and Allocations Off |  |
| Procurement Expeditor. . . . . . . . . . . . Remount Officer. |  |
|  |  |
| Remount Procurement Officer... Maintenance and Repair Officer, Airborne Signal Equipment. |  |
|  |  |
| International Aid Supply Officer..... |  |
|  | Packing |
| Equipment Distribution Officer. |  |
| Nomenclature Officer. . . . . . . . . |  |
| Supply Officer, Depot.. |  |
| Supply Officer, Administrative. . . . . |  |
| Supply Receiving Officer. . . . . . . . . . Supply Shipping Officer. |  |
|  |  |
| Signal Equipment Maintenance and Repair Officer. <br> Railhead Officer |  |
|  |  |
| Lubrication Officer. . . . . . . . . . . . . . . |  |
| Automotive Assembly Officer. . . . . . |  |
| Supply Depot Commander. . . . . . . . |  |
| Labor Service Officer..... |  |
|  | Ordnance Materiel Processing ficer. |
|  |  |
| Railway Supply Office |  |
| Railway Fuel Agent. . . . . . . . . . . . . |  |
| Medical Supply Officer. . . . . . . . . . . . |  |
| Chemical Supply Officer. . . . . . . . . . . |  |
| Submarine Mine Property Officer... |  |
| Ordnance Officer, Staff. . . . . . . . . . . . |  |
|  |  |
| Ammunition Supply Officer |  |

Procurement Officer.
Procurement Assignment Officer. Procurement Survey Officer..... Priorities and Allocations Officer Procurement Expeditor

Remount Officer.
Remount Procurement Officer......... Signal Equipment International Aid Supply Officer. Packing Officer. None
4710

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 4532,


| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 4541 |  |  | Automotive Officer, Staff. . . . . . . . . . | 0600 |
| 4601 |  |  | Salvage Collecting Officer..... . . . . . . | $4600$ |
| 4602 |  |  | Salvage Depot Commander | 4600 |
| 4606 |  |  | Salvage Repair Officer. . . . . . . . . . . | 4600 |
| 4610 |  |  | Repair Officer, Clothing and Textiles | 4600 |
| 4611 | . . . . . - |  | Repair Officer, Leather and Rubber. | 4600 |
| 4612 |  |  | Repair Officer, Canvas and Webbing. | $4600$ |
| 4613 |  |  | Repair Officer, Machinery and Metals. | 4615, 4617 |
| 4620 |  |  | Ordnance Evacuation Officer........ | 4801, 4803, 4805, 9953 |
| 4701 |  |  | Materiel Distribution Planning Officer. | Appropriate SSN |
| 4709 |  |  | Labor and Warehouse Equipment Officer. | $4710$ |
| 4712 |  |  | Cold Storage Warehouse Officer. . . . | 4222, 4710 |
| 4713 4714 |  | - - - - . - - - - - . - . | Butchery Officer.... . . . . . . . . . . . . . | 4110, 4222 |
| 4714 4800 |  |  | Refrigeration Officer... Ordnance Maintenance Officer, Staff | 7120 |
| 4807 |  |  | Armory Maintenance and Repair Officer. | 4532, 4801, 4808 |
| 4809 |  |  | Power Train Rebuild Officer . . . . . . | 0600, 4801, 4803, 4805, 9953 |
| 4813 |  |  | Ordnance Maintenance Service Officer. | 4530, 4532, 4801 |
| 4814 |  |  | Ordnance Reclamation Officer. . . . . | $\begin{aligned} & 4801,4803,4805,4806,4808 \text {, } \\ & 9953 \end{aligned}$ |
| 4818 |  |  | Tire Maintenance and Repair Officer. | 0600, 4805 |
| 4821 |  |  | Flight Test and Engineering Officer. . | Appropriate SSN |
| 4822 |  |  | Armament and Chemical Officer..... | $4532$ |
| 4824 |  |  | Aircraft Torpedo Maintenance Officer. | 4532 |
| 4825 |  |  | Bombsight Maintenance Officer. ... | 4532, 4894 |
| 4826 |  |  | Aerial Mine Officer. . . | 4532 |


CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 5411 |  |  | Newspaper Editor | 5400 |
| 5414 |  |  | Newspaper Manager | 5400 |
| 5420 |  |  | Publications Editor | 5400 |
| 5500 |  |  | Education Officer..... | 2520, 5000, 5505 |
| 5503 |  |  | Public Education Officer | None |
| 5521 |  |  | Physical Training Directo | 5000, 5661 |
| 5522 |  |  | Radio Program Officer. . . . | 5000, 5401 |
| 5553 5554 |  |  | Motion Picture Art Director | 8535 |
| 5554 5750 |  |  | Art Director. | 5555 |
| 5750 <br> 5751 |  |  | Insurance Information Officer | None |
| 5753 |  |  | Army Emergency Relief Officer | None |
| 5754 |  |  | Personal Affairs Officer | 5000 |
| 5900 |  |  | Public Welfare Officer | None |
| 6010 |  |  | Public Finance Officer | None |
| 6101 |  | ccounting Officer | Accounting Officer... | 6110 or Appropriate SSN |
| 6102 |  |  | Exchange Accounting Officer | 4210 |
| 6103 6131 |  |  | Accounting Machine Officer | 2401 |
| 6131 6132 |  |  | Price Analyst. | None |
| 6133 |  |  | Corporate Analyst. | None |
| 6200 |  |  | Finance Officer, Administrative | 6201 |
| 6301 |  |  | Fiscal Officer... | 4200, 6201, 6302 |
| 6304 |  |  | Budget Officer | 6201, 6302 |
| 6310 |  |  | Payroll Officer. | 4200, 6201 |
| 6400 |  |  | Statistician. | 2120 |
| 6402 6403 |  |  | Statistical Control Office | Appropriate SSN |
| 6403 6410 |  |  | Statistical Draftsman. | None |
| 6410 6411 |  |  | Economic Analyst. | None |
| 6411 7003 |  |  | Labor Market Analyst | None |
| 7003 |  |  | Standardization Engine | None |
| 7004 |  |  | Division Engineer. . | 1331 |


| Engineer, Staff | 1331 |
| :---: | :---: |
| Public Works and Utilities Officer | 7120 |
| Technical Specification Writer. | Appropriate SSN |
| Product Design and Development Officer. | None |
| Photographic Equipment Engineer | None |
| Constraction Inspection Engineer.... | 1331, 7120 |
| Construction Estimating Engineer | None |
| Construction Engineer | 1331, 7120 |
| Post Engineer. | 1331, 7120 |
| Highway Engineer | 1331, 7120 |
| Marine Maintenance and Repair Engineer. | None |
| Marine Design Engineer. | None |
| Port Marine Engineer. | None |
| Ship Maintenance and Repair Officer | None |
| Marine Inspector | None |
| Amphibian Engineer Base Shop Commander. | 0825, 9953 |
| Power Plant and Radio Repair Officer | None |
| Hull Repair and Salvage Officer. . . . . | 0825 |
| Salvage and Dockage Officer | 0825 |
| Boat Salvage Officer | 0825 |
| Dockage Officer | None |
| Marine Engine Repair Officer | 0825 |
| Diesel Engine Repair Officer. | 0600, 4803, 4805, 4880, 9953 |
| Port and Deck Engineer. | None |
| Submarine Diver Foreman | None |
| Harbor Defense Engineer | None |
| Chemical Engineer. . | 7314 |
| Ammunition Renovating Officer | 4510, 4532 |
| Chemical Research Engineer. | 7314 |
| Physicist. | None |
| Barrage Balloon Gas Service Officer | None |
| Toxicologist. | None |
| Metallurgist. | None |
| Organic Chemist | None |
| Munitions Production Officer | None |
| Chemical Munitions Inspector | None |

Construction Engineer.

CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S-Continued


| 7702 |  | $\cdots$ | Maintenance Research Engineer, Communications Equipment. | None |
| :---: | :---: | :---: | :---: | :---: |
| 7703 |  |  | Communications Specification Officer. | None |
| 7704 |  |  | Telephoto Officer | None |
| 7705 |  |  | Communications Standards Engineer. | None |
| 7710 |  |  | Telephone, and Telegraph Research Engineer. | 0420 |
| 7720 |  |  | Telephone Equipment Engineer. . . | 0420 |
| 7723 |  |  | Telephone and Telegraph Installation and Test Engineer. | 0420 |
| 7724 |  | $\cdots$ | Telephone and Telegraph Power Plant Engineer. | 0420 |
| 7730 |  |  | Telephone Transmission Engineer. . . | 0420 |
| 7740 |  |  | Telephone and Telegraph Traffic Engineer. | None |
| 7760 |  |  | Commercial Communications Engineer. | None |
| 7770 |  |  | Telephone and Telegraph Outside Plant Engineer. | 0420 |
| 7790 |  |  | Communications Research Specialist. | None |
| 7800 |  |  | Telegraph Engineer. . . . . . . . . . . . . . | 0420 |
| 7820 |  |  | Telegraph Equipment Engineer | 0420 |
| 7830 |  |  | Telegraph Transmission Engin | 0420 |
| 7860 |  | Radio Engineer | Radio Engineer . . . . . . . . . . . . . . | 0500 |
| 7861 |  |  | Radio Equipment Manufacturing Engineer. | None |
| 7862 |  |  | Radio Engineer, Direction and Range Finding Radio Telephone. | None |
| 7864 |  |  | Radio Maintenance and Repair Officer. | 0200, 0500 |
| 7865 |  |  | Consulting Communications Engineer. | None |
| 7869 |  |  | Radio Transcription and Sound Engineer. | None |
| 7870 |  |  | Radio Research Engineer | 0500 |
| 7871 |  |  | Radar Planning Officer. | None |
| 7872 |  |  | Sound and Light Research Engineer. | None |
| 7881 |  |  | Radio Communications Officer, Liaison. | 0200, 0500 |

CONVERSIONS FOR DELETED AND CHANGED OFFICER SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 and Change 1 |  |
| 7888 |  |  | Radar Observer, R. C. M | 0130 |
| 7890 |  | ...... | Audio Engineering Officer. . . . . . . . . | None |
| 7891 |  |  | Radio Communications Coordinating Officer. | $0200,0500$ |
| 7892 |  |  | Signal Equipment Inspection Engineer. | None |
| 7899 |  |  | Public Communications Officer.... . | 0200 |
| 7901 | . . . . . . . . . |  | Hydraulic Engineer | $7120$ |
| 7910 |  |  | Photogrammetrist. | $7916$ |
| 7914 | . . . . . | . . . . . . . . . . . . | Surveying Engineer. | $1331,7916$ |
| 7915 | . .-.... . . |  | Topographic Engineer. | $1331,7916,7917$ |
| 7920 | . |  | Architectural Engineer. . . . . . . . . . . | None |
| 7921 | - . . . . . . . | .-...-............... | Railway Shop Maintenance Engineer | None |
| 7922 | . . . . . . . . | . . - . - . . - . . . . . . . | Railway Construcion Engineer . . . . | None |
| 7930 |  |  | Petroleum Engineer. | None |
| 7932 | .-.... | . . - . . . . . . . . . . . | Pipe Line Engineer. Geologist. . . . . | None <br> None |
| 7950 | -..... |  | Sewage Disposal Engineer | 7120 |
| 7951 |  | - $-1-1-1-1$ | Waterworks Engineer. | 7120 |
| 7953 |  | . . . . . . . . . . . . . . . . . . | Erosion Control Engineer | None |
| 7960 |  |  | Sanitary Engineer. . . . . . . . . . . . . . | 7120 |
| 7980 |  |  | Drafting and Reproduction Officer . . | 1331, 7916, 7917 |
| 8000 |  |  | Economics Officer, Military Government. | None |
| 8105 |  |  | Trial Judge Advocate. . . . . . . . . . . . | 8103 |
| 8107 |  |  | Legal Officer, Military Government. . | 8101 |
| 8110 |  |  | Legal Reviewer, Contract. . . . . . . . . | 8101 |
| 8120 |  |  | Legal Assistance Officer. . . . . . . . . . . | 8101 |
| 8123 |  |  | Appeals Officer. | 8101 |
| 8125 |  |  | Claims Officer . . . . . . . . . . . . . . . . . . . | 8101 |
| 8130 |  |  | Patent Officer | None |
| 8204 |  |  | Meteorological Project Officer. | 8219 |


| Weather Engineering and Survey Officer. | 8219 |
| :---: | :---: |
| Meteorological Research Engineer. | 8219 |
| Weather Officer, Forecasting. | 8219 |
| Weather Officer, Climatology | 8219 |
| Weather Officer, Oceanograph | 8219 |
| Weather Officer, Statistical. . | 8219 |
| Weather Officer, Tropical Forecasting | 8219 |
| Weather Officer-Pilot. . . . . . . . . . | None |
| Photography Director | 8500, 8535 |
|  | 8535 |
| Film Distribution Officer | 5000, 8523 |
| Foreign Film Officer | 8535 |
| Motion Picture Cameraman | 8535 |
| Motion Picture Producer | 8535 |
| Still Photography Officer | 8500, 8502 |
| Microfilm Photography Officer | 0030, 850) |
| Medical Photographer. | None |
| Motion Picture Unit Manage | 8535 |
| Public Safety Officer. | None |
| Postal Inspector. | 0030 |
| Information Officer | None |
| Provost Marshal, Field | 9100 |
| Internment Camp Commande | 9110 |
| Prison Officer... | 9110 |
| Escort Guard Unit Command | 9110 |
| Internee Transfer and Movement Officer. | 9110 |
| Parole Officer | None |
| Plant Protection Officer | 9307 |
| Utilities Protection Office | 9307 |
| Fingerprint Officer | 9307 |
| Security Officer, Building and Equipment. | 9307 |
| Air Raid Officer. . . . . . . . . . . . . . . . | None |
| Civil Affairs Officer, Internal Securitv. | 8104 |

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| SSN | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | TM 12-406, Oct., 1943 <br> and Change 1 | nugswius vunvuanavan, remarks |
| :---: | :---: | :---: | :---: | :---: |
| 9230 | . . . . . . . . . . . . . . . . . . . . . . . . . | Identification Officer. . | Identification Officer . . . . | 9307 |
| 9231 | . . . . . . . . . . . . . . . . . . . . . . . . . . . . | . . . | Personnel Security Officer . . . . . . . . . | 9307 |
| 9240 | . . . . . . . . . . . . . . . . . . . . . . . . . . . . |  | Communications Security Officer . . . | None |
| 9260 |  | Flying Safety Officer | Flying Safety Officer. . . . . | 7422 |
| 9300 | . . . . . . . . . . . . . . . . . |  | Military Intelligence Officer. . . . . . . . | 9301, 9315 |
| 9302 |  |  | Counterintelligence Officer. . . . . . . . . | 9301, 9307, 9315 |
| 9303 |  |  | Foreign Liaison Intelligence Officer. . | 9301 |
| 9305 |  |  | Propaganda Analysis Officer. | None |
| 9306 | . |  | Foreign Languages Propaganda Officer. | 9330, 9331 |
| 9310 |  | Inspector. . . . . . . . . . . . . . . | Inspector General. | Appropriate SSN |
| 9311 | . |  | Intelligence and Security Officer. . . . | 9301, 9307 |
| 9314 | . | . . . . . . . . . . . . . . . . . . . . . . . . . . . . | Chemical Intelligence Officer, Field. | 7314, 9301 |
| 9316 | . . . . . . | . . . . . . . . . . . . . . . . . . . . . . . | Prisoner of War Interrogation Officer. | 9301, 9315, 9330, 9331 |
| 9318 |  |  | Order of Battle Specialist. . . . . . . . . . | 9301 |
| 9320 | . . . . . . . . . . . . . . . . . . |  | Investigations Officer . . . . . . . . . . . . | 9110, 9307 |
| 9322 |  |  | Criminal Investigations Officer | 9110, 9307 |
| 9323 |  |  | Records Searching Officer. | None |
| 9330 | Japanese Language Officer | Translation Officer. | Translations Officer. . . . | See also 9331 |
| 3332 |  |  | Interpreter. | 9330, 9331 |
| 9335 |  |  | Censorship Officer | None |
| 9340 | . |  | Enemy Equipment Identification Officer. | None |
| 9401 |  |  | Fire Fighting Unit Commander . . . . | 9414 |
| 9415 |  |  | Fire Prevention Officer. . . . . . . | 9414 |
| 9600 | . . . . . . . . . . . . . . . . . . . . . . . . . |  | Cryptanalytic Officer, General. . . . . . | None |
| 9601 | . . . . . . . . . . . . . . . . . . . | Coding Officer | Cryptanalytic Officer, Code... | 0220 |
| 9602 |  |  | Cryptanalytic Officer, Chemical | None |
| 9603 | . . . . . . . . . . . . . . . . . . . . . . . . . . |  | Cryptographic Officer, Equipment. . . | 0220 |
| 9604 | . . . . . . . . . . . . . . . . . . . . . . . . . . . |  | Cryptanalytic Officer, Translations . . | 9330, 9331 |
| 9605 | . . | . . | Radio Traffic Analysis Officer . . . . . . . | 0225 |

APPENDIX B

## CONVERSIONS FOR DELETED AND CHANGED ENLISTED SSN'S

See Section 13, Chapter I for instructions regarding the use of this table. In some instances suggested conversions are marked with a single asterisk (*) and others with a double asterisk (**) and the job titles of the SSN's as they appeared in various publications are marked correspondingly. For example, SSN 545 at one time was used for Chief Telegraph Operator in AR 615-26, but was deleted in War Department Memorandum W615-60-43 dated 17 July, 1943. This same SSN is now the SSN for Barracks NCO. In the event that any Marine is currently classified with SSN 545 on the basis of his qualifications as Chief Telegraph Operator he should be reclassified to one of the SSN's shown in the list of suggested conversions, if so qualified
Another example: SSN 602 was used in AR 615-26 for Gun Commander, and was changed in NAVMC 1008 (Tentative) to Heavy Artillery
NCO, which, in turn, has been deleted in this manual. The suggested conversions marked with the single asterisk (*) are possible SSN's for Marines holding this SSN on the basis of AR 615-26, and the suggested conversion marked with the double asterisk (**) indicates the SSN most probably appropriate for a Marine assigned SSN 602 on the basis of NAVMC 1008 (Tentative).

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | AR 615-26, Sept., 1942 and Supplements |  |
| 005 |  |  | Brake Inspector, Railway | 046 |
| 012 |  |  | Electrician, Automotive. |  |
| 020 | Band Leader | Band Leader or Drum Major | Band or Orchestra Leader | For Drum Major use 801 |
| 025 026 |  |  | Hammersmith. | 024 |
| 026 |  |  | Tooldresser | 024, 090, 242 |
| 029 |  |  | Boiler Inspector |  |
| 030 |  |  | Boiler Maker. | 024, 201 |
| 032 |  |  | Boring Mill Operator |  |
| 036 040 |  |  | Bridge Inspector. ${ }_{\text {Automobile Body }}$ Repairma | 035, 059 |
| 042 |  |  | Camera Repairman....... | 941 |
| 044 |  |  | Canvas Cover Repairman | 609 |
| 048 |  |  | Car Mechanic, Railway | 046 |
| 052 |  |  | Chief Clerk. | 055, 405, 501, 584, 585 |
| 059 | Construction Chief | Construction Foreman | Construction Foreman. | See also 796 |
| 061 |  |  | Coppersmith | $164,201,555$ |
| 064 |  | Power Shovel Operator | Power Shovel Operato | $063,359$ |
| 065 |  |  | Able Seaman. . . . . Technician. | $\begin{aligned} & 118 \\ & \text { None } \end{aligned}$ |



CONVERSIONS FOR DELETED AND CHANGED ENLISTED SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | AR 615-26, Sept., 1942 and Supplements |  |
| 300 |  | Tool Designer | Tool Designer | 241 |
| 309 | Telephone Switchboard Operator. | Telephone Operator. | Telephone Operator. | See also 641 |
| 310 |  |  | Concrete Mixer Operator | 359 |
| 314 |  |  | Motorboat Operator. | 118 |
| 315 |  |  | Highway Maintenance Man | 359, 521, 705 |
| 317 318 |  |  | Monotype Operator...... |  |
| 318 319 | Enginetr Equipment Me- | Engineer Equipment Mechanic | Casting Machine Operat Tractor Mechanic*... | ${ }^{168}$ See also 014 |
| 320 | anic. |  | Interpreter. | 267 |
| 323 |  |  | Stock Record Clerk | 580 |
| 324 |  |  | Stock Clerk | 581, 583, 735, 740, 844, 978 |
| 329 |  |  | Lumberjack | None |
| 334 |  | Welder, Spot. | Welder, Spot................ |  |
| 338 339 |  |  | Instrument Repairman, Electrica | 078, 635, 686, 917, 918, 919 |
| 339 |  |  | Jackhammer Operator. . . | 521, 705 |
| 340 |  |  | Parachute Packer | 570, 620 |
| 342 |  |  | Master Mechanic. Burner, Acetylene | 114. 341 |
| 343 344 |  | Chauffeur | Burner, Acetylene Chauffeur. . . | 256, 257 |
| 349 |  |  | Axman, Surveying | 521, 705 |
| 350 | Bookkeeper. | Bookkeeper | Bookeeper, General | See also 819, 820 |
| 353 |  |  | Earth-Boring Machine Operator | 359, 641 |
| 355 |  |  | File Clerk. . . . . . . . . . . . |  |
| 356 |  |  | Foreman or Superintendent, Lab | 059, 565, 796, 822 |
| 357 |  |  | Gas and Oil Man. | 316 |
| 358 |  |  | Glassblower... Hoist Operator | 411 |
| 360 365 |  |  | Hoist Operator <br> Optician. | None |
| 366 |  |  | Orthopedic Mechanic | None |
| 367 |  |  | Oven Fireman. . | 084, 521 |


| Personnel Clerk | 055, 275, 405, 501 |
| :---: | :---: |
| Rock Crusher Operator | 359 |
| Sales Clerk. . . . . . . . . | See also 819, 820 |
| Stock Control Clerk | 580, 582, 819, 820 |
| Tracer | 070, 076 |
| Motorcyclist | 345 |
|  | *See also 573, 574 |
| Installer Toll Telephone and Telegraph. | 097 |
| Power Plant Installer . . . . . . . . . . . | 097, 846 |
| Entertainer | None |
| Cartographer | 004, 070, 076 |
| Auditor. | 268, 622, 820 |
| Reporter | See also 274 |
| Telephone Inspector | 097, 261 |
| Sound Mixer, Motion Pict | 561 |
| Medical Technician. | None |
| Engine Specialist (Machinist Automobile). | 014, 114 |
| Motor Inspector. | 014, 337 |
| Transmission Man, Sound (Electrician). | 561 |
| Skier | None |
| Podiatrist | None |
| Psychological Assistant | 262, 275 |
| Machinist's Helper | 114, 302 |
| Entertainment Director | 283, 868 |
| Firearms Identification Specialist | 677 |
| Radio Dispatcher, Police. | 677 |
| Criminal Identification, Laboratory Technician. | 301, 307, 677 |
| Vice Squad Patrolman | 301, 677 |
| Traffic Patrolman. | 677 |
| Process Background Supervisor | 561 |
| Dietitian | 060 |
| Optometrist | None |
| Special Effects Supervisor | 561 |
| Diver's Helper, Marine. | 454 |




| Ammunition Handler | $505,521,597,601,603,604,$ |
| :---: | :---: |
| Portable Power Generator Repairman | 635, 846, 917, 918, 919 |
| Bath Attendant................. |  |
| Information Center Operat | *See also |
| Aircraft Warning Teller | 510, 515 |
| Airplane Inspector | 747, 750, 751, 752 |
| Filter Board Instructor |  |
| Plotting Board Supervisor, Aircraft Warning. | 515 |
| Engine Test Operator. | 684 |
| Balloon Gas Chief |  |
| Balloon Maneuvering Crewman |  |
| Antiaircraft Fire Director Opera- tor | *594, *596,** 596 |
| Wrecker Operator. . . . . . . . . . . . . | 014, |
| Cannoneer |  |
| Scout Car Commander | ${ }^{636}$ |
| Chief of Breech.. . | 845 |
| Battery. <br> Chief Switchboard Operator, Local | 641 |
| Voice Interceptor | 267 |
| Chief of Section, Gun | ${ }^{*} 601, * 603, * 606, * 845,{ }^{*} 864$, |
| Chief Switchboard Operator, Common Battery. | 309 |
| Bridge Foreman | 035, 059 |
| Radio Intelligence Control Chief |  |
| Control Station Operator | 763 |
| Chief Telegraph Operator | ${ }^{*} 766,{ }^{*} 776$ |
| Coxswain, Mine Yaw ${ }^{*}$ | *None |
|  |  |
| Repairman Control Board Operator. | $\begin{aligned} & 555,7 \\ & \text { None } \end{aligned}$ |
| Airplane Electrical Shop Chief | 685 |
| Airplane Sheet Metal Shop Chie |  |
| Airplane Machine Shop Chief. | 114, 750, 751, 75 |




| 601 | Heavy Antiaircraft Gun Crewman. | Heavy Antiaircraft Gun Crewman. | Antiaircraft Gunner* | See also 864 |
| :---: | :---: | :---: | :---: | :---: |
| 602 |  | Heavy Artillery NCO**. | Gun Commander* | 1, *603, *845, *864, **845 |
| 603 | Field Artillery Crewman. | Field Artillery Crewman. | Gunner** | *601, *603, *845, *864 |
| 605 |  | Heavy Machine Gun Crewman or Machine Gun Crewman Ground. | Heavy Machine Gunner. | $604$ |
| 608 |  | Heavy Artillery Gunner**...... | Gun Pointer* | *601, *603, *845, *864, **845 |
| 613 |  |  | Computer. | 227, 645 |
| 614 |  | Mortar NCO |  | 607 |
| 615 |  |  | Chief Balloon Rigger | None |
| 616 |  |  | Tank Gunner. | 736 |
| 617 |  |  | Altitude Chamber Technician | None |
| 618 |  |  | Balloon Envelope Repairman. | None |
| 619 |  |  | Balloon Rigger. . . . . . . . . | None |
| 621 |  |  | Parachute Shop Chief | 620 |
| 623 |  |  | Financial Typist-Clerk | 622 |
| 624 |  |  | Financial Clerk. | 622 |
| 625 |  | Officer Candidate | Officer Candidate | Appropriate SSN |
| 627 |  |  | Special Service School Instructor. . . . | See Section 7 of Chapter I |
| 628 |  |  | Senior Technical Instructor. . . | See Section 7 of Chapter I |
| 629 |  | Student. . . . | Student. . . . . | Appropriate SSN |
| 630 |  | Paratower Technician |  | None |
| 631 | Intelligence Clerk, AviaTION. | Intelligence NCO. | Intelligence NCO | Aviation only; for ground forces see 636 |
| 632 |  |  | Chemical Inspector. | 870 |
| 633 |  |  | Antiaircraft Fire Control Electrician <br> (Automatic Weapons). | 918 |
| 634 |  |  | Antiaircraft Fire Control Electrician (Gun). | 917, 919 |
| 637 |  |  | Antiaircraft Warning Plotting Board Installer-Repairman. | 097 |
| 638 |  |  | Telephone Equipment Installer-Repairman, Local Battery. | 641, 646 |
| 640 |  |  | TeletypewriterSwitchboard Operator | 237 |
| 644 645 |  |  | Chief Field Lineman. . . . . . . . . . . . | *504, *506**645 |
| 645 | Field Artillery Fire Control Man. | Field Artillery Fire Control Man. | Fire Control Instrument Operator*. | *594, *596, *645 |

CONVERSIONS FOR DELETED AND CHANGED ENLISTED SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | AR 615-26, Sept., 1942 and Supplements |  |
| 647 |  |  | Radio Repairman, Aircraft Equipment. | 174 |
| 648 | Signal Electrician. | Signal Electrician. | Radio Repairman, FM Equipment* Telephone Switchboard Operator... | $\begin{gathered} \begin{array}{c} 174,649 \\ 309,641 \end{array} \end{gathered}$ |
| 650 |  |  | Telephone Switchboard Operator.... <br> Platoon Sergeant. | Appropriate SSN |
| 651 652 |  |  | Section Leader, Gun | 601, 603, 606, 845, Appropriate SSN |
| 653 |  |  | Squad Leader...... | *None |
| 654 | Radio Relay Techn |  | Listener, Sound Locato | None |
| 655 657 |  |  | Litter Bearer . . . . . . . . Mino. ${ }^{\text {M }}$ |  |
| 661 |  |  | tenance. <br> Armament Chief |  |
| 663 |  |  | Armament Inspector.............. | 911 |
| 664 |  |  | First-Aid Man | None |
| 670 |  |  | Master Gunner. | ${ }_{601}^{845}, 606,864$ |
| 671 |  |  |  | None |
| 672 |  |  | Medical NCO. | None |
| 673 674 |  | Message Center Chief | Message Center Chief | ${ }_{0}^{667}$ 05, 521, 667, 745 |
| 675 |  | Messenger.. | Messenger <br> Messenger Dispatche | 055, 667 |
| 676 |  |  | Motorcycle Scout.... | 636 |
| 679 |  |  | Mine Assembler. | 656 |
| 680 690 |  |  | Antiaircraft Fire Control Observer, Flank Station. | 594, 596 |
|  |  |  | Instrument Observer. . . . . . . . . . . | None |
| 694 |  |  | Spotter........ | None |
| 696 |  |  | Ambulance Orderly | 710 |
| 697 |  |  | Acoustic Correction Operator | None |
| 698 |  |  | Veterinary Ambulance Operator. | None |


CONVERSIONS FOR DELETED AND CHANGED ENLISTED SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | AR 615-26, Sept., 1942 and Supplements |  |
| 752 753 | Line Chief, Aviation. | Leading Chief or Line Chief or Engineering Chief*. | Airplane Line Chief | *See also 750, 751 |
| 753 754 |  | Radio Mechanic, Aviation........ | Chief Submarine Mine Planter...... Radio Mechanic, AAF. | None 174 |
| 756 | RADAR-RADIO OPERATOR, Aerial. | Radio Mechanc, Aviation. | Radio Operator and Mechanic, $\mathrm{AAFF}^{*}$. | ${ }^{*} 755$ |
| 758 | Radar-Radio-Gunner, Aviation. |  | Airplane Propeller Shop Chief*.... | *687 |
| 760 |  |  | Radio Operator, AACS | 776 |
| 761 | Scout-Sniper. | Scout-Sniper | Scout*. | *636 |
| 762 |  |  | Army Airplane Engine Mechanic (DO). | 684 |
| 764 |  |  | Signal NCO . . . . . . . . . . . . . . . . . . | 261, 542, or appropriate SSN |
| 768 |  | V | Control Chief. |  |
| 769 | Radio,Turret-Gunner, Aviation. | Radio-Gunner, Power Turret. . . | Chief Storekeeper*. | *251, 819, or appropriate SSN |
| 772 |  |  | Enlisted Liaison Pilot-Mechanic. | 770 |
| 773 |  |  | Enlisted Service Pilot. | 770 |
| 774 | Airborne Radar Technician. |  | Chief Radar Operator* | *514 |
| 775 | Radar Technician.......... | Radar Technician, Ground Equipment. | Radar Repairman*. . . . . . . . | ${ }^{\text {* See also } 774}$ |
| 777 |  |  | Radio Operator, Fixed Station. . . . . . Radio Mechanic, AACS | $\begin{aligned} & 766 \\ & 174.649 \end{aligned}$ |
| 779 |  |  | Weather Cryptographer. |  |
| 780 |  |  | Weather Station Chief. | 784, 787 |
| 781 | Flame Thrower Operator. |  | Water Tender*. | * None |
| 782 783 |  |  | Weather Equipment Technician | 784, 787. |
| 785 |  | Radio Ch | Forage Inspecto | 766 |
| 786 |  |  | Toxic Gas Handler. . | 521, 87C |


|  |  | Theodolite Observer | 784 |
| :---: | :---: | :---: | :---: |
|  |  | Meteorological Plotter | 784 |
|  |  | Weather Observer-Teletypewriter Technician. | 239, 784 |
|  | Radar Operator, Ground Equipment. |  | 514 |
|  |  | Tank Commander. | $736$ |
|  |  | Artillery Mechanic, Minor Maintenance. | $839,913,915$ or appropriate crewman SSN |
|  |  | Camouflage Technician. | 800 |
|  |  | Cryptographic Technician | 667 |
|  | Code Cler | Code Clerk . . . . . . . . . . | 667 |
|  |  | Cryptographer (Code Compiler) | 667 |
|  |  | Cryptanalyst. . . . . . . . . . . . . . | 667 |
|  |  | Decontaminating Equipment Operator. | 521, 870 |
|  | Antitank NCO | Antitank NCO . . . . . . . . . . . . . . . . | 597, 610 |
| Infantry Chief. . . . . . . . . | Infantry NCO... | Heavy Weapons NCO* | *Appropriate SSN |
| Operations Clerk, AviaTION. | Operations $\mathrm{NCO}^{*}$. | Operations $\mathrm{NCO}^{*}$. | *See also 791 |
| Chief Ordnanceman ArtilLERY. | Chief Ordnanceman*.. | Ordnance $\mathrm{NCO}^{*}$ | *See also 836, 838 |
|  |  | Personnel NCO | 275, 405, 501 |
|  |  | Pontoneer. . . . | $035,705$ |
|  |  | Railway Transportation NCO | $069,266,379,573,574$ |
| Post Exchange Man.. | Post Exchange Steward... | Subsistence NCO* . . . . . . . . . | *819 |
| Quartermaster Supply Man |  | Supply NCO*. | *See job specification |
|  | Mess Sergeant. . . . . . . . . . . . | Mess Sergeant. ..... | $060$ |
|  |  | Medical Supply NCO | None |
| Aviation Supply Man....... | Aviation Supply Man* | Technical Supply NCO, AAF*. | *See job specification |
| Materiel Clerk, Aviation . | Supply Clerk*.................... | Supply Clerk*.. | *See also 580, 735, 869 |
|  | Radar Operator, Aviation Ground Equipment. |  | 514 |
|  |  | Dental Technician. | None |
|  |  | Flight Surgeon's Assistant . . . | None |
|  |  | Medical Laboratory Technician . . . . | None |
|  |  | Pharmacy Technician | None |
|  |  | Surgical Technician............ | None |
|  |  | Veterinary Pharmacy Technician.... | None |


CONVERSIONS FOR DELETED AND CHANGED ENLISTED SSN'S-Continued

| SSN | Job Title |  |  | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
|  | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | AR 615-26, Sept., 1942 and Supplements |  |
| 871 |  |  | Messenger, Mounted | None |
| 872 | . .-....... | Radar Technician, Aviation Ground Equipment**. | Radar Technician*. | *774, *775; **775 |
| 874 |  |  | Chief Teletypewriter Operator | $237$ |
| 875 | ....... |  | Telephone Communication Instructor. | Appropriate SSN |
| 876 | . . . . . |  | Line Construction and Maintenance Instructor. | 641, 646 |
| 877 |  |  | Message Center Procedure Instructor. | 667 |
| 878 |  |  | Field Radio Communication Instructor. | 766 |
| 879 | . . . . . . . |  | Teletypewriter Installation and Maintenance Instructor. | 239 |
| 880 |  |  | Teletypewriter Communication Instructor. | 237 |
| 881 |  |  | Ground Radio Repair Instructor.... | 174, 649 |
| 882 883 |  |  | Turret Supervisor, Aircraft Warning. | 515 None |
| 884 | - |  | Radio Observer V. . . . . . . . . . . . . . . . . . . . | 755 |
| 885 |  |  | Radio Observer M. . . . . . . . . . . . . . . | 755 |
| 886 |  | - . . . . . . . . . . . . . . . . . | Radio Mechanic I. . . . . . . . . . . . . . . | 774 |
| 887 | . . . . . . . . . . . . . . . . . |  | Radio Mechanic V. . . . . . . . . . . . . . . | 774 774 |
| 888 |  |  | Radio Mechanic F. . . . . . . . . . . . . . | 774 |
| 881 |  |  | Radio Mechanic M. . . . . . . . . . . . . . Radio Mechanic B. . . . . . . . . . | 774 774 |
| 892 |  |  | Radio Mechanic C. . . . . . . . . . . . . . | 774 |
| 893 |  |  | Facsimile Operator . . . . . . . . . . . . . . . | None |
| 894 |  |  | Facsimile Technician. . . . . . . . . . . . . . | None |
| 895 |  |  | Radio Mechanic G. . . . . . . . . . . . . | 774 |
| 896 897 | Doa Handler, Comb | Dog Handl | Radio Mechanic L. | ${ }_{*}^{774}$ See also 873 |


| Radio Inspector........................ 174, 648, 649, 759, 774, 775 |
| :--- | :--- | :--- |

 660,998 414, 660, 996

839, 913
*See also 839, 913See also 839, 913
839,913
918 752 51,752 ำ 둥 ్ల 245,359

Mechanic, Chassis, Wheel Vehicle
Mechanic, Chassis, Track Vehicle.... (Gasoline).
Mechanic, Engine, Track Vehicle Mechanic, Engine,
(Diesel).
 hicle.
Artillery Mechanic, Heavy . . . . . . . . . Artillery Mechanic, Base Defense* Artillery Mechanic, Seacoast. . . . . Antiaircraft.
 Mobile Repair Unit Chief . . . . . . . . . .
 Automotive Equipment Mechanic. Chief Automotive Equipment Me chanic. Heavy Automatic Equipment OperRefueling Unit Operator............... Instrument Landing Equipment Re-
Recruiting Substation Commander.



| SSN | Present Title | NAVMC 1008-PD (Rev.) (Tentative), June, 1944 | AR 615-26, Sept., 1942 and Supplements | Suggested Conversions; remarks |
| :---: | :---: | :---: | :---: | :---: |
| 938 |  | Gunnery Instructor | Gunnery Instructor... |  |
| 939 |  |  | Army Aerial Photographer-Gunner. | $546,547$ |
| 942 |  |  | Radiosonde Operator. | $784,787$ |
| 943 944 |  | Photographic Chief | Photographic Chief <br> .... | 044, 152 |
| 944 946 |  | Searchlight Chief | Photographic Laboratory Chie Searchlight Control Chief | 743 |
| 947 |  | Communication Instructor. | Signal Communication Instructor | Appropriate SSN |
| 950 |  |  | Wire Repairman, VHF. | 097, 261 |
| 951 |  |  | Radio Repairman, VHF............ |  |
| 952 |  | Radar Repairman, Gunlaying Equipment. | Radar Repairman, Gunlaying Equipment. | 775 |
| 953 |  | Radar Repairman, Reporting Equipment. | Radar Repairman, Reporting Equipment. | 775 |
| 954 |  | Radar Repairman, Airborne Intercept Equipment. | Radar Repairman, Airborne Intercept Equipment. | 774 |
| 955 |  | Radar Repairman, Airborne Search Equipment. | Radar Repairman, Airborne Search Equipment. | 774 |
| 957 |  |  | Airplane Electrical Instrument Specialist (DO). | 685, 686 |
| 958 |  |  | Airplane Engine Electrical Accessories Specialist (DO). | 685 |
| 959 |  |  | Airplane Mechanical Instrument Specialist. | 686 |
| 960 |  |  | Central Station Fire Control Specialist. | None |
| 962 963 |  |  | Optical Instrument Specialist (DO).. | 686 |
| 964 |  |  | Airplane Supercharger Specialist (DO). | 687 956 |
| 967 |  |  | Packer, Air. | 505, 521, 735 |
| 968 971 |  |  | Mine Detector Operator | 533 |
| 971 |  |  | Airplane Handler. | None |


| 972 975 | . . . . . . . . . . . . . . . . . . . . . . . . . | Student, College Training Program. | Airplane Propeller Specialist (DO)... ASTP Pre-Professional Trainee...... | 687 <br> Appropriate SSN |
| :---: | :---: | :---: | :---: | :---: |
| 976 |  |  | ASTP Pre-Medical Trainee | None |
| 978 | Ordnance Stock Man.. | Ordnance Supply Clerk* |  | *See also 580 |
| 981 |  |  | ASTP Engineering Trainee | Appropriate SSN |
| 982 |  |  | ASTP Sanitary Engineering Trainee. | Appropriate SSN |
| 983 | . . . . . . . . . . . . . . . . . . . . . . . |  | ASTP Junior Engineer and Armament Specialist. | Appropriate SSN |
| 984 | . | . . . . . . . . . . . . . . . . . . . . . . . . . | ASTP Mechanical Engineering Trainee. | Appropriate SSN |
| 985 |  |  | ASTP Civil Engineering Trainee. . . | Appropriate SSN |
| 986 |  |  | ASTP Electrical Engineering Trainee. | Appropriate SSN |
| 987 | . | . . . . . . . . . . . . . . . . . . . . . . . . . | ASTP Communication Specialist Trainee. | Appropriate SSN |
| 988 |  | . . . . . . . . . . . . . . . . . . . . . . . . . . . | ASTP Power Specialist Trainee . . . . | Appropriate SSN |
| 989 |  |  | ASTP Chemical Engineering Trainee. | Appropriate SSN |
| 990 |  |  | ASTP Personnel Psychology Trainee. | Appropriate SSN |
| 991 | . . . . . . . . . . . . . . . . . . . | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | ASTP European Area Language Trainee. | Appropriate SSN |
| 992 |  |  | ASTP Asiatic Area Language Trainee. | Appropriate SSN |
| 998 | Special Assignment | Special Assignment | Administrative Inspector* . . . . . . . . | *None |
| 6- |  |  | Raider. | Appropriate SSN |
| 7- |  |  | Instructor. | Apropriate SSN; see Section 10 of Chapter I |
| $8-$ |  |  | Parachutist | Appropriate SSN |
| 9950 |  |  | Amphibian Tractor Crew Chief | 994, 997 |
| 9951 |  |  | Amphibian Tractor Mechanic. . | 996 |
| 9952 |  |  | Amphibian Tractor Operator. | 994, 997 |
| 9953 |  | . . . . . . . . . . . . . . . . . . . . . . . . | Engineering Operations Chief | 593 |
| 9954 |  |  | Rubberized Fabric Worker. . | 995 |
| 9955 |  |  | Special Equipment Repairman | 508 |
| 9956 |  |  | Radio Chief . . . . . . . . . . . . . | 766 |
| 9957 |  |  | Signal Electrician | 648 |
| 9958 |  |  | Salvage Crew Mechanic, Aviation | 728 |
| 9959 |  |  | Navigator. | 973 |
| 9960 | . . . . . . . . . . . . . . . . . . . . . . . . |  | Navigator-Bombardier. | 974 |

