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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 19D
MOS

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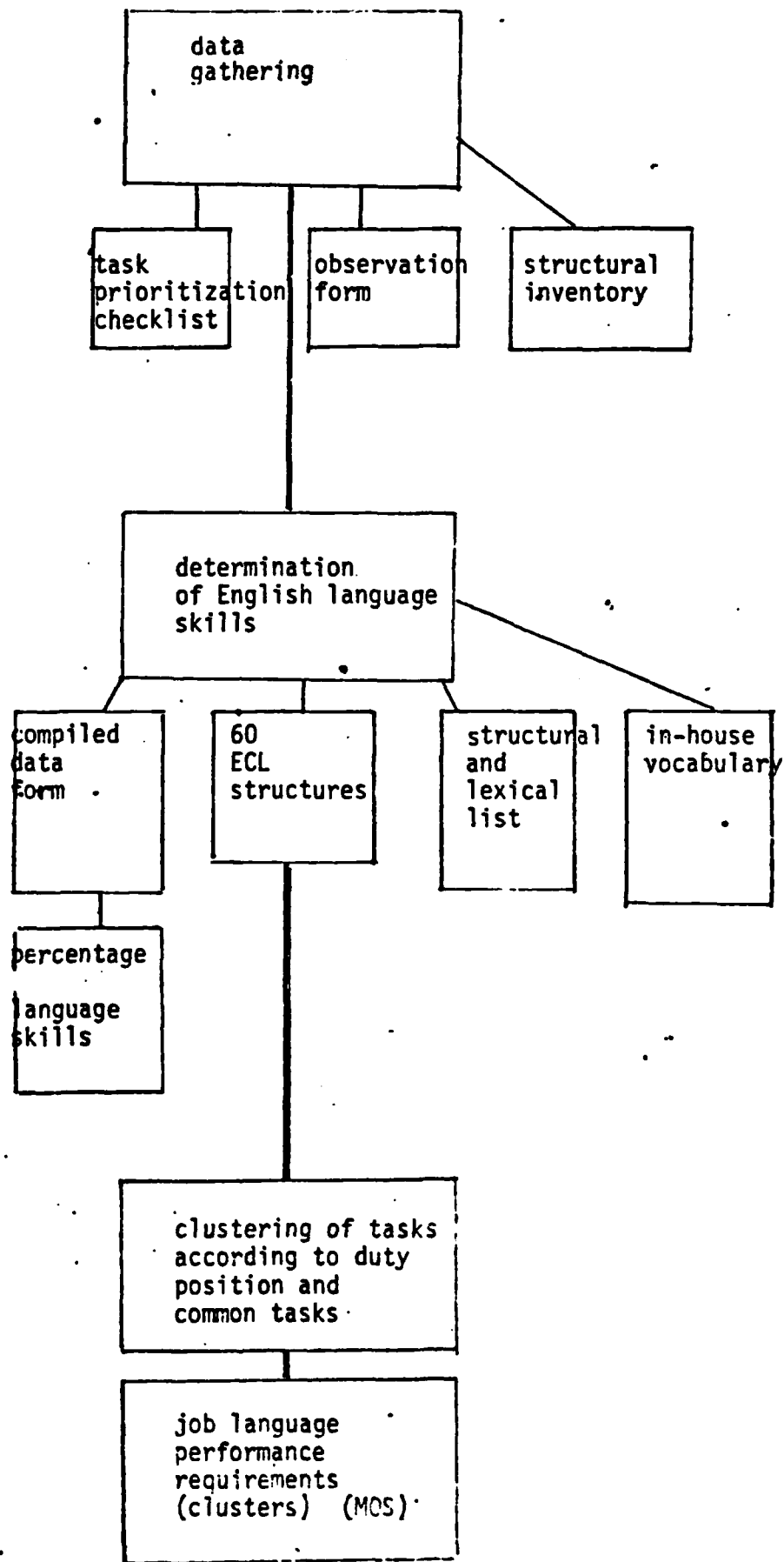


FIGURE 1

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Job Language Performance Requirements (JLPR) Task Inventory Lexical Analysis Common Tasks Structural Analysis Listening English Language Skills Speaking Task Prioritization Checklist Reading		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified.		

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PREFACE

Instructions for review of Job Language Performance Requirements for 19D.

Military Reviewers:

Please look over Sections I through IV. These sections discuss the gathering of data, organization of data, and clustering of the tasks. Sections V and VI are the main products of the entire process, the Job Language Performance Requirements per cluster, and finally, for the entire MOS.

Pay careful attention to Appendices one through eight. These appendices contain all the information used to determine the Job Language Performance Requirements.

You as the reviewer have first hand experience with the tasks and training. Your review will help add much needed input to the design and development of the course. Please write any suggestions or changes directly on the document.

As you look over the document, please keep the following questions in mind:

1. Do the requirements identify the language skills necessary in AIT and the Unit?
2. Do the requirements clearly state what the soldier must do in regard to language?
3. Are there any terms that need to be added or removed completely?
4. On what language skill is the most emphasis placed in AIT and Unit?
5. How much carry-on is there between AIT and Unit requirements in language skills, structure and vocabulary?

Thank you for your cooperation. It is greatly appreciated.

An explanation of Appendices one through eight follows:

Appendix one is the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two is the Task/Inventory Completed Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three is the Percentage of Language Skills. This form includes computations of language skills for each task cluster.

Appendix four is the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five is the final list of structural and lexical items found through data gathering and organization.

Appendix six is the in-house vocabulary list. This is a task by task listing of the vocabulary observed in actual training situations as well as in the Soldier's Manual.

Appendix seven is the machine generated vocabulary for 19D prepared by TRADOC.

Appendix eight is the list of structural and lexical items requisite to 60 ECL. These were determined through coordination with the Tests and Measurements Section at the Defense Language Institute and the Defense Language Institute American Language Course materials.

SECTION I

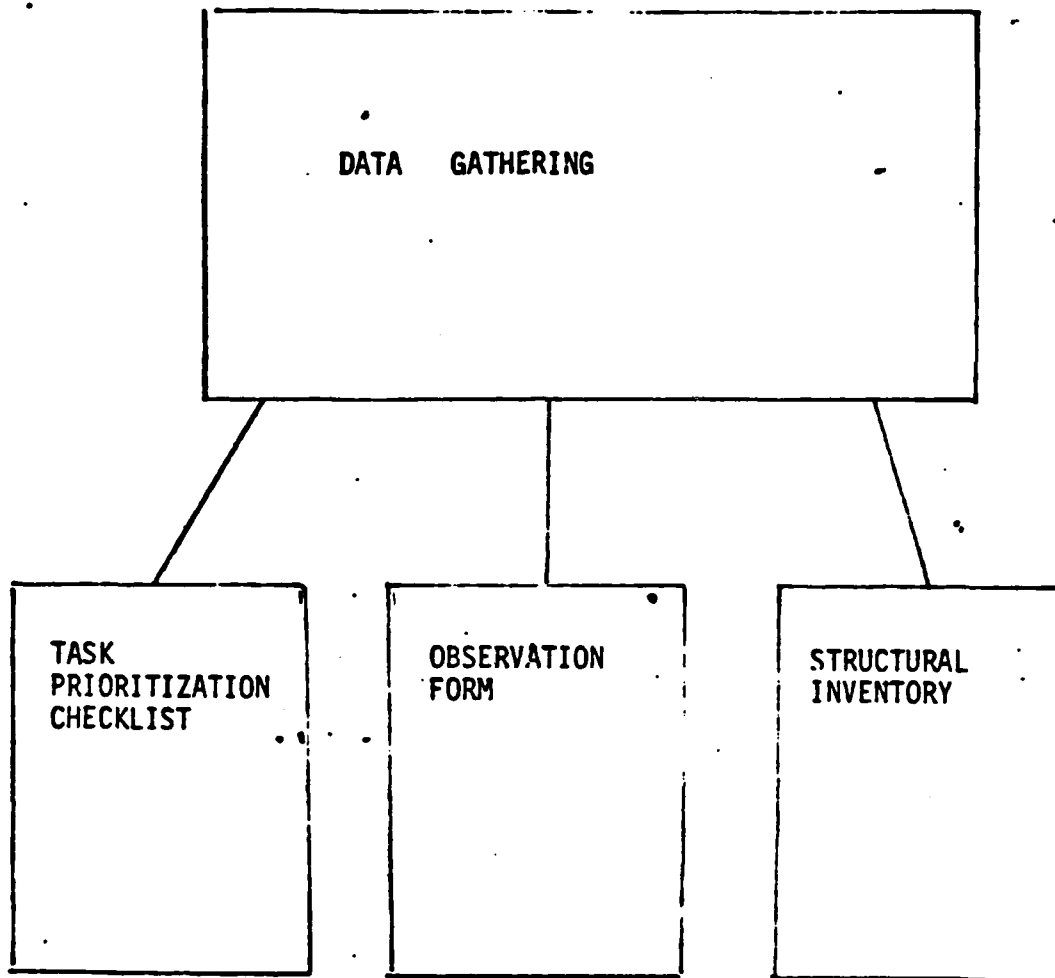
DATA GATHERING

INTRODUCTION

To determine the Job Language Performance Requirements for 19D, data had to be gathered. The gathering of data and form used are discussed in the following section.

1-1-19D

6



1-2-19D

FIGURE 2

SECTION I: DATA GATHERING

In order to establish job language performance requirements for MOS 19D, Cavalry Scout, the curriculum department at the Defense Language Institute (DLI) analyzed the current learning and working situations, user populations and individual tasks pertaining to 19D. The goal was to collect data which would help identify the job language performance requirements not only in the MOS but also in the field of language.

To analyze learning and working situations, user populations and individual tasks, training specialists visited AIT and Unit cadre at Fort Knox, Kentucky and Fort Hood, Texas. Here, interviews were conducted using a Task Prioritization Checklist, (Appendix 1). First line supervisors answered the following questions:

1. Is the task taught?
2. Is the task tested?
3. How is the task tested?
4. How is the task taught?
5. How important are speaking, listening, reading and writing?
6. What are the results of poor performance?

Additional data was gathered through use of an Observation Form and a structural analysis of the Soldier's Manual.

The Observation Form (Appendix 4) was used by the personnel conducting the interviews to record actual observations of the learning situations, populations, tasks and language.

The lexical and structural analysis was done by a panel of experts who first listed all structures found in the Soldier's Manual and then all structures, standard and non-standard, noted on the Observation forms for 19D. All vocabulary from the Soldier's Manual was also listed. Then all lists were combined into a lexical and structural inventory.

CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 3)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in MOS 19D)

These tools were used to form the data pool from which the information to determine the Job Language Performance Requirements was found.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

The data gathered was not immediately useful. It had to be organized into information. The following section discusses the organization of the data to determine the English language skills.

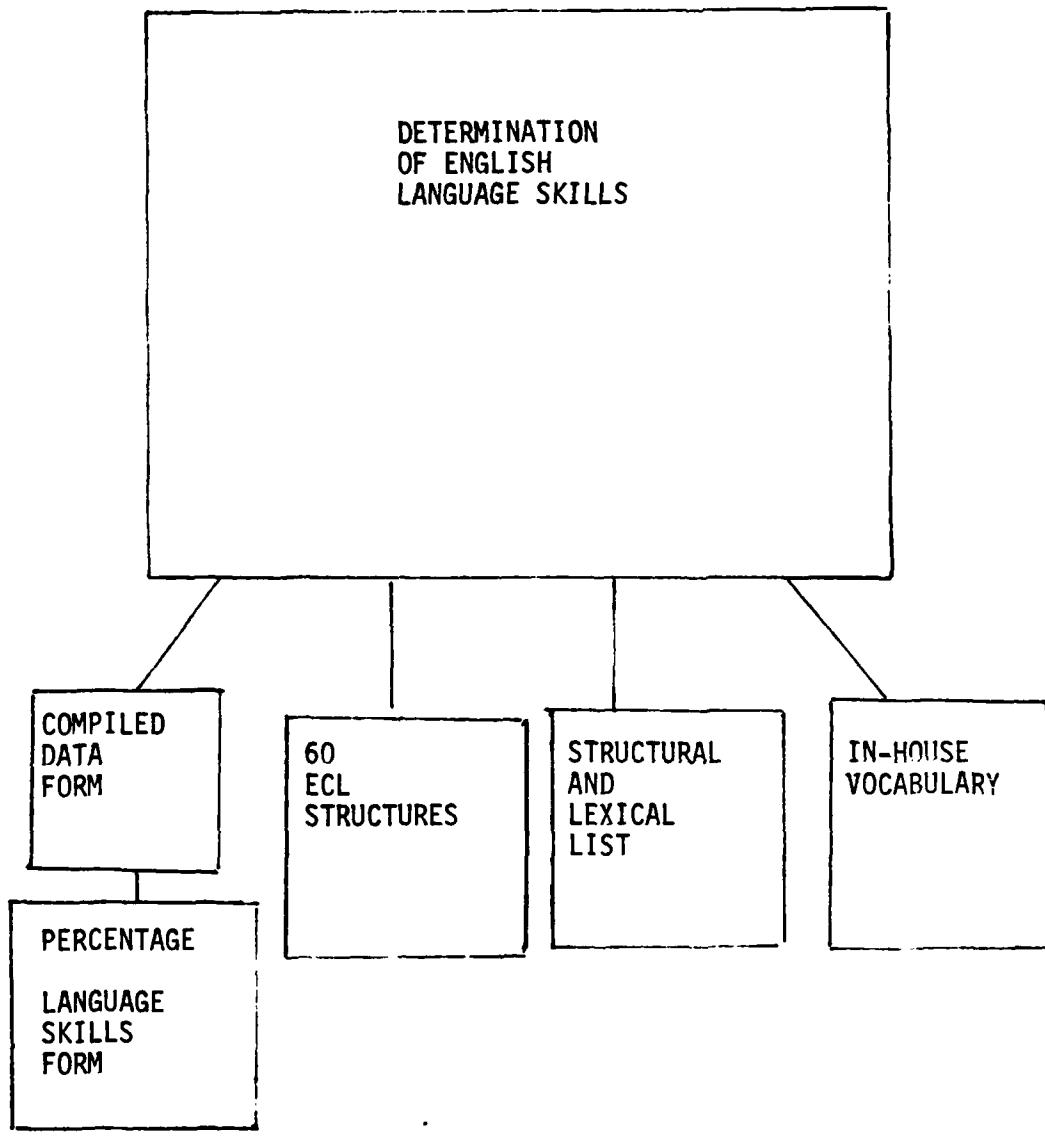


FIGURE 3
2-2-19D

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SECTION 10 DETERMINATION OF ENGLISH LANGUAGE SKILLS

The data gained was summarized to determine the English Language skills which the soldier must learn to perform the task.

The Compiled Data Form, Appendix 2, was used to organize the data from the user populations. The information from the Task Prioritization Checklist was recorded directly on this form. Three variables from the prioritization checklist were used to determine the language skills. They were:

1. Methods of teaching.
2. Methods of testing.
3. The ratings given to the English language skills

The three variables were identified as to English language skills involved. The following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing
Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*This is the top portion of the Task Prioritization Checklist from which the information was taken.

*RATING: *RATING: 1 = high 1 = low 2 = 2 = med 3 = average = high 4 = 5 = low	IS TASK TAUGHT?		IMPORTANCE OF		HOW TAUGHT		HOW TESTED?				
	YES	NO	LISTENING*	READING*	LECTURE	SELF-PACED	DEMONSTRATION	HANDS-ON	YES	NO	WRITTEN

Answers to the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

Total number of possible answers according to skill in each task multiplied by the total number of respondents to the task.

divisor

Total tally of responses per task per skill from the Compiled Data Form.

dividend

This indicated the percentage of use of the skill in the task. Percentages of skills in the duty position and in the MOS were found by incrementing task number and number of responses, (See Appendix 3). Percentages found in 19D were:

Listening	58%
Speaking	20%
Reading	18%
Writing	21%

As shown by the figures, listening is the most important skill in 19D. However, in a particular duty section, percentages varied. Appendix 3, the Percentage Language Skills Form, shows percentages of skills in each duty position.

Organization of data pertaining to lexical and structural items was done by comparing the in-house structural and lexical list with a list of 60 ECL (English Comprehension Level Examination) requisites. The 60 ECL requisites were determined through research of the American Language Course (ALC) materials. A panel of experts, all of whom have taught ALC materials, listed all lexical and structural items of which mastery is necessary for attainment of a 60 ECL. By comparing the lists, redundancies and unnecessary structures were eliminated from the original list.

We are concerned with those lexical and structural items that are necessary to learn and perform tasks in 19D. The non-native soldier needs these structural and lexical items to successfully complete MOS training. Appendix 5 is the final list of lexical and structural items necessary in 19D. A 60 ECL was used as a base line and does not reflect the specified ECL for entry into MOS training. The 60 ECL was chosen because experience at DLIELC (Defense Language Institute, English Language Center) has shown a 60 ECL to be an excellent indicator of success in training of a non-native speaker.

The lexical and structural items are identified by grammatical title. Appendices 6 and 7 are the actual words, terms, and acronyms found in 19D.

The lexical and structural list is not exhaustive, but it would be impossible to list every structural or lexical item the soldier would be exposed to.

Appendix 6 is a machine generated vocabulary list made by the United States Army Training and Doctrine Command at Fort Monroe, Virginia. Through a review of the current POI, 19D Skill Level 1 and Soldier's Manual, a subjective evaluation was made on each task to determine the five vocabulary reductions. (Appendix 7) The five categories were:

1. most important
2. substantial importance
3. important
4. limited importance
5. least importance

For our uses, a language oriented reduction was also needed; therefore, an in-house vocabulary list was made.

Using the Soldier's Manual and personnel's observations, a vocabulary list for each task was made. The words were categorized in three ways:

1. Basic Vocabulary. Basic vocabulary is defined as those words, terms, and acronyms that could be taught in basic training or a pre-enlistment course.
2. General vocabulary. General vocabulary is defined as those words, terms, and acronyms common to everyday English.
3. Technical vocabulary. Technical vocabulary is defined as those words, terms, and acronyms that are specific to the MOS training field.

In order to explain any redundancies which may be noted with respect to the language structures and vocabulary items cited in the language performance requirements for the Basic Training ESL course, it should be pointed out that at present it is planned that the basic structures and general English vocabulary necessary for attainment of a 60 ECL will materials designed for use either in the Basic Training ESL course or the Pre-enlistment course. The basic soldiering vocabulary will also be developed in the BT materials. It is planned that any language structures identified in the analysis of the 19D Soldier's Manual and the Observation Forms not listed for 60 ECL (Appendix 8), will be developed in the MOS course. Also, to be included as part of the language performance requirements is the MOS specific vocabulary. (Appendix 6)

CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory/Compiled Data Form, use of the Percentage Language Skills Forms, and the In-house Structural Analysis list. The 60 ECL list of structural items was also used to further validate the in-house inventory of lexical and structural items. The actual lexical items in 19D are listed task by task. All of this information was then used to determine the Job Language Performance Requirements for 19D.

2-6-19D

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SECTION III

CLUSTERING OF COMMON
AND DUTY POSITION TASKS

INTRODUCTION

To treat each individual task would be time consuming therefore the tasks were clustered.

The following section contains a discussion of the clustering process.

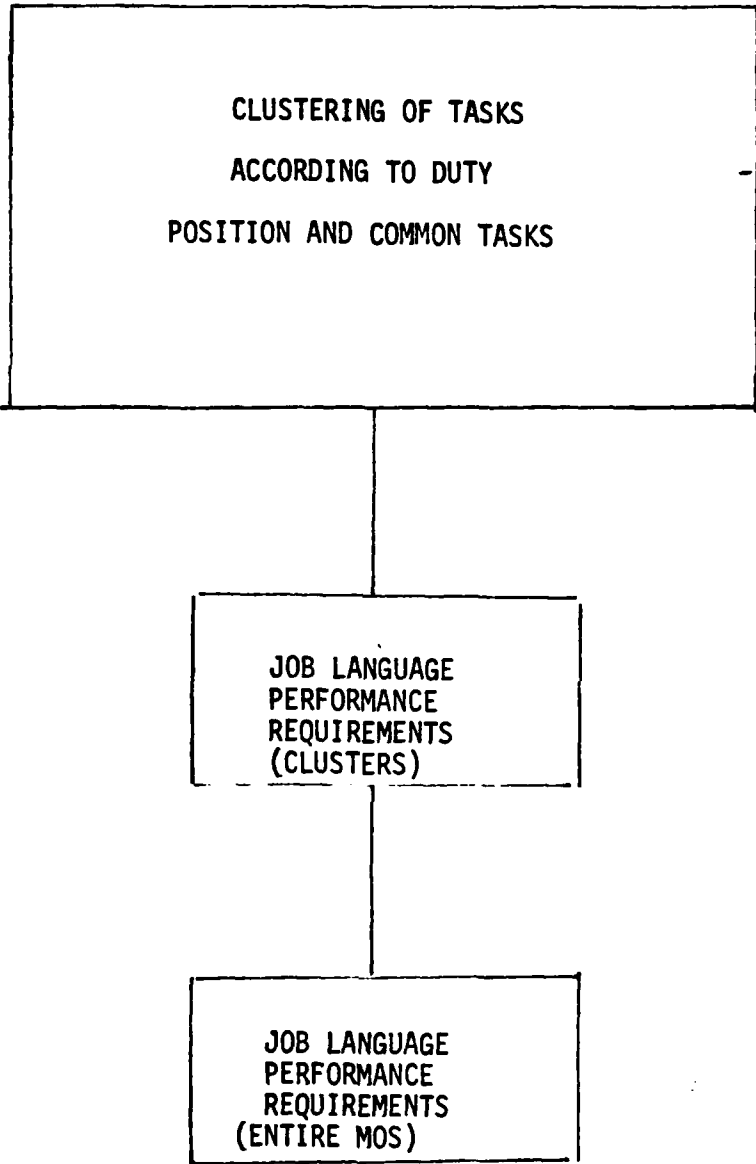


FIGURE 4

3-2-19D

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SECTION III; CLUSTERING COMMON AND DUTY POSITION TASKS

The Soldier's Manual for MOS 19D contains 210 tasks. The necessity to keep the flow of teaching and flexibility of teaching one task before or after another warranted clustering of the tasks.

Clustering was done by using the common and duty position tasks in the 19D Soldier's Manual.

The following clusters are in MOS 19D.

1. Individual Fitness
2. First Aid
3. Communications
4. Land Navigation
5. Nuclear, Biological, and Chemical
6. Camouflage, Cover and Concealment
7. Security and Intelligence
8. Combat and Reconnaissance
9. M16A1 Rifle
10. M203 Grenade Launcher
11. Light Antitank Weapon (LAW)
12. M60 Machinegun
13. Cal .50 HB M2 Machinegun
14. .45 Caliber Pistol
15. Dragon (Medium Antitank Weapon)
16. TOW (Heavy Antitank Weapon)
17. Mines
18. Demolitions
19. M113A1 Personnel Carrier
20. M151 1/4-Ton Driver
21. Administration, Leadership and Training

SECTION IV

THE JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

The goal of data gathering and organization was the Job Language Performance Requirements. The following section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements are tasks specifying what the soldier must do in the area of language. A task addressing language would be one of reading, listening, speaking or writing. The soldier needs the language task to learn or perform the MOS task. Tasks for 19D as seen in the Soldier's Manual are those which pertain to locating, reporting and engaging Threat forces. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write.

SPEAKING

Produces oral utterances to report/inform/explain/interact/elicit response/respond.

Analysis of 19D indicates verbal reports entailing those activities directly related to MOS 19D, Cavalry Scout.

The speaking act to respond or elicit response is in 19D, an oral response to a command or visual signal involving locating, engaging and reporting Threat forces.

Speaking to elicit response in reference to 19D involves reporting Threat forces's locations for future commands.

Speaking to explain involves situations of explaining where the Threat forces are and their movements, or explanations of equipment maintenance problems.

Speaking to inform involves real time information such as location, strength and emplacement of enemy or friendly troops.

READING

Read for information/Read to learn.

Printed and written materials are used throughout 19D. The soldier reads technical manuals, field manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in simple factual words or sentences to complex passages containing highly technical vocabulary and ellipsis. The purpose is to teach the student, so, the student reads them to learn. From the analysis of 19D, the task of reading supplements the lectures and demonstrations or it precedes the tests. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to long or short term memory and for immediate or later use.

The soldier first needs the ability to comprehend the spoken word. We can assume that the soldier can do this because he is in MOS training.

As in reading, the soldier must understand the words in context. The soldier must understand the thought units and finally select and understand the main idea. The soldier must retain these ideas and integrate them.

Unlike reading, listening to learn is not as structured and the soldier is required to sift through much more irrelevant stimuli to finally extract the pertinent data.

Listening can be broken into two main types in 19D. In listening to learn, information is presented spontaneously or constrained. In listening to respond, information is usually presented spontaneously.

Analysis of 19D did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

Listening to learn as indicated refers to specific data related to the MOS. Listening in this case being critical listening. The soldier must isolate, conceptualize, and retain that oral communication that is pertinent to successful task completion. Oral communication that will teach the soldier to locate, report on and engage Threat forces. Communication that will make the soldier proficient in the operation and maintenance of the equipment.

B. CONDITIONS

The condition is what the soldier will be given to do the task. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organization of the data from interviews and observations. To say that the soldier will be given these structures and only these structures is impossible. Language use is spontaneous and the MOS environment is not one of constrained language. For the MOS job, the soldier is given paper, pencil, and printed materials, but not for language. Again, for the job that the soldier will be given, the materials under normal working conditions or other conditions may be added such as with or without protective gear or in darkness, but this cannot be specified in the field of language so we must assume all teaching conditions as found in Appendix 4.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands but these cannot be specified exactly in each task. Therefore these are listed with the Job Language Performance Requirements as possible conditions unless they are specified.

C. STANDARDS

The standard for our purpose is 100%. The 100% standard for understanding or speaking cannot be tested as can one saying the

soldier will disassemble a .45 caliber pistol in 8 minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

CONCLUSION:

The Job Language Performance Requirements were first written for each cluster. They are then indicative of defined topic areas within the MOS. They indicate necessary language tasks within the soldier's working area.

The Job Language Performance Requirements for the clusters were then combined into the Job Language Performance Requirements for the entire MOS.

Mastery of these Job Language Performance Requirements will remove language as a deterrent both in the performance of a soldier's duties in MOS 19D and also in the pursuance of a successful career in the United States Army.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Clustered)

INTRODUCTION

Specific Job Language Performance Requirements were identified by the process described in Sections I, II, III, and IV.

The following section contains the Job Language Performance Requirements for each cluster. To facilitate cross-referencing the task clusters, and percentage of language skills, follow the Job Language Performance Requirements for each cluster.

INDIVIDUAL FITNESS

Percent Language Skills

Listening	89%
Speaking	7%
Reading	0%
Writing	21%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information intended to instruct in any training situation (Appendix 4), with standard and sub-standard structural and lexical items, (Appendices 5 and 6).
STANDARDS: 100% understanding of oral language.

TASK: Read for information.*
CONDITIONS: Given MOS printed training material in the form of short paragraphs and lists.
STANDARDS: 100% understanding of MOS printed training materials.

017-327-0201

Maintain an Appropriate Level of Physical Fitness

* Information is defined as Ex. 081-831-1005

5-2-19D

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FIRST AID

Percent Language Skills

Listening	69%
Speaking	27%
Reading	40%
Writing	44%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to oral information to learn.
CONDITIONS: Given oral information in the form of lecture with standard or non-standard lexical and structural items (Appendices 5 & 6), in any training situation. (Appendix 4)
STANDARDS: 100% understanding of oral communication.
- TASK:** Listen to respond.
CONDITIONS: Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items. (Appendices 5 & 6)
STANDARDS: 100% understanding of oral utterances.
- TASK:** Produce oral utterances to explain.
CONDITIONS: Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items. (Appendices 5 & 6)
STANDARDS: 100% understandable oral communication.
- TASK:** Produce appropriate oral responses spontaneously or upon request.
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios, or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items. (Appendices 5 & 6)
STANDARDS: 100% understandable oral communication.
- TASK:** Read for information.
CONDITIONS: Given MOS printed training material in the form of short paragraphs and lists.
STANDARDS: 100% understanding of MOS printed training materials.
- TASK:** Read to learn.
CONDITIONS: Given MOS printed training materials in the form of pictures with captions, sentences and paragraphs.
STANDARDS: 100% understanding of MOS printed training materials.

(First Aid continued)

- 081-831-1002 Perform Cardiopulmonary Resuscitation (CPR) Using the One-Man Method
- 081-831-1003 Clear an Airway Using the Heimlich Maneuver
- 081-831-1004 Apply First-Aid Measures to Stop Bleeding
- 081-831-1005 Give First Aid to Prevent Shock
- 081-831-1006 Splint a Suspected Fracture
- 081-831-1007 Give First Aid for Burns
- 081-831-1011 Give First Aid to a Nerve-Agent Casualty
- 081-831-1012 Give First Aid to a Blister-Agent Casualty
- 081-831-1013 Give First Aid to a Blood-Agent Casualty
- 081-831-1014 Apply Mask-to-Mouth Resuscitation to a Chemical-Agent Casualty
- 081-831-1015 Give Back-Pressure Arm-lift Artificial Respiration to a Chemical-Agent Casualty

COMMUNICATIONS

Percent Language Skills

Listening	58%
Speaking	33%
Reading	18%
Writing	22%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to learn.
CONDITIONS: Given an instructional lecture on communications in any training environment (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 and 6).
STANDARDS: 100% understanding of oral instructional material.
- TASK:** Listen to communicate over radiophone.
CONDITIONS: Given an oral five-word message. *
STANDARDS: 100% understanding of oral utterances.
- TASK:** Reproduce oral utterances to communicate over radiophone.
CONDITIONS: Given a five-word message. *
STANDARDS: 100% understandable oral utterances.
- TASK:** Read to learn.
CONDITIONS: Given MOS printed training materials in the form of paragraphs, lists, and pictures with explanations.
STANDARDS: 100% understanding of printed MOS training material.
- TASK:** Write to fill in DA Form 2404.
CONDITIONS: Given DA Form 2404 and pencil. Given deficiencies found from radiophone check and inspection.
STANDARDS: 100% legibility of written communication.
- TASK:** Write a radiotelephone message.
CONDITIONS: Given paper, pencil, and oral radiotelephone message.
STANDARDS: 100% legibility of written radiotelephone message.

* in any training situation (Appendix 4), using standard and non-standard lexical and structural items. (Appendices 5 and 6)

(Communications continued)

- 113-573-8001 Use an Automated CEDI
- 113-588-1064 Install and Operate Hot-Loop Wire Communication
- 071-326-0608 Communicate Using Visual Signalling Techniques
- 113-571-1005 Send or Receive a Radiotelephone Message
- 113-571-1008 Enter and Leave a Radio Net
- 113-587-1001 Install Radio Set AN/PRC-77 or AN/PRC-25
- 113-587-1042 Install Radio Set AN/VRC-64 with or without Intercom
- 113-587-1043 Install Radio Set AN/VRC-46 with Intercom
- 113-587-2033 Operate Radio Set AN/VRC-64 or AN/GRC-160 with Intercom System
- 113-587-2034 Operate Radio Set AN/VRC-46 or AN/VRC-12 with Intercom System
- 113-587-2035 Operate Radio Sets AN/PRC-77 or AN/PRC-25, or AN/GRC-160 (Dismounted)
- 113-587-3062 Perform Operator Maintenance on Radio Set AN/VRC-46 and AN/VRC-47, or AN/VRC-12 with Intercom
- 113-587-3063 Perform Operator Maintenance on Radio Sets AN/VRC-64, AN/PRC-77, and AN/GRC-160 (with Intercom System)
- 113-600-1001 Install Telephone Set TA-312/PT
- 113-600-1011 Install and Operate a Field Telephone TA-1/PT
- 113-600-2001 Operate Telephone Set TA-312/PT
- 113-600-2006 Place a Tank External Phone into Operation
- 113-600-3001 Perform Operator Preventive Maintenance on Telephone Set TA-312/PT
- 171-600-3013 Perform Operator Maintenance on Telephone Set TA-1
- 113-622-1002 Install Radio Set Control Group AN/GRA-39
- 113-622-2002 Operate Radio Set Control Group AN/GRA-39

- 113-571-1007 Establish a Radio Net
- 113-573-4002 Use KAL-61B and KTC 1400 Numerical Code to Authenticate Transmissions and Encrypt/Decrypt Numbers and Grid Zone Letters

M151 1/4-TON DRIVER

Percent Language Skills

Listening	33%
Speaking	2%
Reading	14%
Writing	14%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information.
CONDITIONS: Given printed MOS training materials in the form of lists, lengthy paragraphs, tables, and pictures with captions.
STANDARDS: 100% understanding of printed material.

551-721-1920	Perform Before-Operation Daily Preventive Maintenance Checks and Services on a 1/4-Ton Series Vehicle
551-721-1921	Perform During-Operation Daily Preventive Maintenance Checks and Services on a 1/4-Ton Series Vehicle
551-721-1922	Perform Weekly/Monthly Preventive Maintenance Checks and Services on a 1/4-Ton Series Vehicle
551-721-1923	Operate a 1/4-Ton Series Vehicle
551-721-1924	Self-Recover a 1/4-Ton Series Vehicle

COMBAT/RECONNAISSANCE

Percent Language Skills

Listening	60%
Speaking	36%
Reading	39%
Writing	38%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information in the form of a lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.

TASK: Produce oral utterances to report and request.
CONDITIONS: Given a target and information, or target and request for fire in any training situation (Appendix 4), using standard and sub-standard structural and lexical items (Appendices 5 and 6).
STANDARDS: 100% understandable utterances.

TASK: Read to learn/recite.
CONDITIONS: Given MOS printed training materials in the form of pictures with lengthy explanations, memory aids*, and lengthy paragraphs describing methods.
STANDARDS: 100% understanding of printed training materials.

TASK: Read to learn.
CONDITIONS: Given MOS printed training materials in the form of pictures with lengthy explanations to integrate with previously presented materials.
STANDARDS: 100% understanding of printed training materials.

071-326-0508	Determine Range to a Target
071-333-6513	Occupy a Cavalry (M113A1) Position
171-121-1008	Acquire and Identify Targets
171-283-1021	Call for and Adjust Indirect Fire
051-196-2501	Classify a Route and Prepare an Overlay
71-140-2006	React to Direct/Indirect Fire as a Vehicle Commander

* Memory aids--example--WORM (Width Over Range Mile)

M16A1 RIFLE

Percent Language Skills

Listening	62%
Speaking	18%
Reading	12%
Writing	1%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.
- TASK:** Read for information.
CONDITIONS: Given printed MOS training materials in the form of procedures.
STANDARDS: 100% understanding of printed content.
(The information already presented for learning is now recalled in sequential procedures.)
- TASK:** Read to learn.
CONDITIONS: Given lengthy paragraphs on battlesight zeroing and explanations.
STANDARDS: 100% understanding of printed content.
- TASK:** Read to react.
Given written information of a situation requiring a specific reaction.
100% understanding of written communication.

- 071-311-2001 Perform Operator Maintenance on an M16A1 Rifle, Magazine, and Ammunition
- 071-311-2003 Load, Reduce a Stoppage, and Clear an M16A1 Rifle
- 071-311-2004 Battlesight Zero an M16A1 Rifle
- 071-311-2007 Qualify with the M16A1 Rifle
- 071-311-2303 Mount/Dismount an AN/PVS-2 on an M16A1 Rifle
- 071-311-2304 Zero an AN/PVS-2 when Mounted on an M16A1 Rifle
- 071-311-2305 Engage a Target with a Rifle Using an AN/PVS-2

M203 GRENADE LAUNCHER

Percent Language Skills

Listening	52%
Speaking	13%
Reading	7%
Writing	1%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information.*
CONDITIONS: Given printed MOS training requirements for engaging a target.
STANDARDS: 100% understanding of printed materials.

TASK: Read to learn.
CONDITIONS: Given printed MOS training material in the form of procedures, lists, and tables.
STANDARDS: 100% understanding of printed materials.

* Information--there are listed requirements only for information. It is not necessary for the soldier to retain the information.

071-311-2101 Perform Operator's Maintenance on an M203 Grenade Launcher and Ammunition

071-311-2102 Load, Unload, and Clear the M203 Grenade Launcher

071-311-2103 Zero an M203 Grenade Launcher

071-311-2104 Engage Targets with an M203 Grenade Launcher and Apply Immediate Action to Reduce a Stoppage

DRAGON (MEDIUM ANTITANK WEAPON)

Percent Language Skills

Listening	55%
Speaking	19%
Reading	11%
Writing	19%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of explicit procedures, lengthy paragraphs, and listed procedures.
STANDARDS: 100% understanding of printed material.

071-317-0000	Prepare an Antiarmor Range Card (TOW, DRAGON, 106-mm, or 90-mm RCLR)
017-317-3301	Conduct Preoperation Inspection of the DRAGON Tracker and Round
071-317-3302	Prepare the DRAGON for Firing
071-317-3303	Determine if Target is Engageable (DRAGON)
071-317-3304	Demonstrate Correct DRAGON Firing Positions
071-317-3306	Perform Immediate Action Procedures for a DRAGON Misfire

TOW (HEAVY ANTITANK WEAPON)

Percent Language Skills

Listening	56%
Speaking	22%
Reading	21%
Writing	31%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of tables, procedures, lists, and lengthy paragraphs.
STANDARDS: 100% understanding of printed material.

071-316-2502 Conduct a System Self-Test and Preoperational Inspection of a TOW Launcher and Encased Missile

071-316-2504 Perform Immediate Action for a TOW Misfire

071-316-2519 Engage a Target with a TOW

MINES

Percent Language Skills

Listening	54%
Speaking	21%
Reading	15%
Writing	23%

---- JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of paragraphs, tables with pictures, and listed procedures.
STANDARDS: 100% understanding of printed material.

TASK: Read to identify and remember.
CONDITIONS: Given printed MOS training materials in the form of pictures with captions and signs/markers.
STANDARDS: 100% understanding of printed content.

051-192-1022	Locate Mines by Probing
051-192-1510	Emplace and Recover an Electrically-armed Claymore Mine
051-192-1511	Locate Mines with a Metallic Mine Detector
051-192-1512	Locate Mines with a Microwave Mine Detector
051-192-1513	Identify Minefield Markers
051-192-1514	Emplace and Recover an M14 Antipersonnel (AP) Mine
051-192-1515	Emplace and Recover an M16A1 Antipersonnel (AP) Mine
051-192-1516	Emplace and Recover an M21 Antitank (AT) Mine
051-192-1517	Emplace and Recover an M15 Antitank (AT) Mine

DEMOLITIONS

Percent Language Skills

Listening	64%
Speaking	21%
Reading	13%
Writing	3%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of lengthy paragraphs as explanations, listed procedures, and pictures with captions.
STANDARDS: 100% understanding of printed material.

051-193-1504 Assemble a Non-Electric Detonation System

051-193-1505 Emplace Demolition Charges

LIGHT ANTITANK WEAPON (LAW)

Percent Language Skills

Listening	55%
Speaking	14%
Reading	7%
Writing	1%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.

CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), and in any training situation (Appendix 4).

STANDARDS: 100% understanding of oral communication.

TASK: Read to learn.

CONDITIONS: Given printed MOS training materials in the form of procedural lists and explanations in paragraph form.

STANDARDS: 100% understanding of printed materials.

071-318-2201 Prepare an M72A2 LAW for Firing; Restore an M72A2 LAW to the Carrying Configuration

071-318-2202 Engage Targets with an M72A2 LAW

071-318-2203 Apply Immediate Action to Correct a Malfunction on an M72A2 LAW

M60 MACHINEGUN

Percent Language Skills

Listening	46%
Speaking	15%
Reading	6%
Writing	15%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of procedures, pictures with explanations, and paragraphs with information.
STANDARDS: 100% understanding of printed material.

TASK: Write to inform.
CONDITIONS: Given a pencil, paper, and situation requiring a range card.
STANDARDS: 100% legibility of written communication.

071-312-2313 Engage Targets with an M60 or M60D Machinegun Using an AN/PVS-2

071-312-3001 Operate an M60/M60D Machinegun

071-312-3005 Perform Operator's Maintenance on an M60 Machinegun and Ammunition

071-312-3006 Field Zero an M60 Machinegun

071-312-3007 Prepare a Range Card for an M60 Machinegun

071-312-3102 Engage Targets with an M60 or M60D Machinegun

CAL .50 HB M2 MACHINEGUN

Percent Language Skills

Listening	61%
Speaking	2%
Reading	12%
Writing	15%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of lists, lengthy paragraphs, training notes, and pictures with captions.
STANDARDS: 100% understanding of printed content.

071-313-2316 Acquire and Engage Targets with a Caliber .50 HB M2 Machinegun Using an AN/TVS-2

071-313-3451 Perform Operator Maintenance on a Caliber .50 HB M2 Machinegun and Ammunition

071-313-3455 Set Head Space and Timing on a Caliber .50 HB M2 Machinegun

071-313-3470 Mount and Dismount a Caliber .50 HB M2 Machinegun on an M113A1

171-139-1036 Engage Targets with a Caliber .50 HB M2 Flex Machinegun

.45 CALIBER PISTOL

Percent Language Skills

Listening	47%
Speaking	11%
Reading	9%
Writing	13%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn.
CONDITIONS: Given printed MOS training materials in the form of procedures and pictures with captions, lengthy paragraphs and examples.
STANDARDS: 100% understanding of printed content.

TASK: Write to record.
CONDITIONS: Given a security for an anti-armor range card, pencil, and paper.
STANDARDS: 100% legibility of written communication.

171-376-1001

Maintain a .45 Caliber Pistol

171-376-1002

Engage Targets with a .45 Caliber Pistol

LAND NAVIGATION

Percent Language Skills

Listening	74%
Speaking	33%
Reading	36%
Writing	52%

ORAL LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 & 6), in any training situation. (Appendix 4)
STANDARDS: 100% understanding of oral communications.
- TASK:** Produce oral utterances to inform.
CONDITIONS: Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard lexical and structural items. (Appendices 5 & 6)
STANDARDS: 100% understandable oral communication.
- TASK:** Produce appropriate oral responses spontaneously or upon request.
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios, or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items. (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses.
- TASK:** Write to learn.
CONDITIONS: Given oral or written information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 & 6), in any training situation. (Appendix 4)
STANDARDS: 100% legibility of written communication.
- TASK:** Read to learn.
CONDITIONS: Given MOS printed training materials in the form of FM's-TM's. Given lengthy proof in paragraph form for explanation.
STANDARDS: 100% understanding of printed material.
- TASK:** Write to record.
CONDITIONS: Given pencil, paper, map and formula for recording a point, distance, grid azimuth, grid coordinate, and elevation.
STANDARDS: 100% legibility of written communication.

(Land Navigation continued)

- 071-329-1002 Determine the Grid Coordinates of a Point on a Military Map Using the Military Grid Reference System
- 071-329-1004 Determine the Elevation of a Point on the Ground Using a Map
- 071-329-1006 Navigate from One Position on the Ground to Another Point
- 071-329-1007 Determine Distance while Moving between Two Points on the Ground
- 071-329-1008 Measure Distance on a Map
- 071-329-1011 Orient a Map Using a Compass
- 071-329-1012 Orient a Map to the Ground by Map-Terrain Association
- 071-329-1014 Locate an Unknown Point on the Map or on the Ground by Intersection
- 071-329-1015 Locate an Unknown Point on the Map or on the Ground by Resection
- 051-196-2502 Determine Percent of Slope of Terrain Using a Map

NUCLEAR, BIOLOGICAL, AND CHEMICAL

Percent Language Skills

Listening	74%
Speaking	55%
Reading	31%
Writing	41%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to learn.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communications.
- TASK:** Speak to respond.
CONDITIONS: Given oral information in the form of lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understandable oral communication.
- TASK:** Read for information
CONDITIONS: Given printed MOS training material in the form of listed procedures, pictures with captions, symptoms, and figures with explanations.
STANDARDS: 100% understanding of printed MOS training material.
- TASK:** Produce oral utterances to inform.
CONDITIONS: Given warning of nuclear hazard (standard marker). *
STANDARDS: 100% understandable oral utterances.
- TASK:** Listen to perform.
CONDITIONS: Given simulated nuclear attack information.*
STANDARDS: 100% understanding of oral information.

* in any training situation (Appendix 4), using standard and non-standard structural and lexical items. (Appendix 5 and 6)

(Nuclear, Biological, and Chemical continued)

031-503-2005 Perform Less-than-72-Hour Chemical-Agent Alarm Shutdown Operations

031-503-2006 Perform More-than-72-Hour Chemical-Agent Alarm Shutdown Operations

031-503-3001 Test for Chemical Agents Using a Chemical-Agent Detector Kit

031-503-3003 Determine Radiation Using an IM-174 Series Radiometer

031-503-3006 Decontaminate Unit Equipment

031-503-3007 Prepare Supplies and Equipment for NBC Attacks

031-503-3008 Implement Mission-oriented Protective Posture (MOPP)

031-503-3012 Supervise the Fitting of Protective Mask

031-503-4002 Emplace Automatic Chemical-Agent Alarm System

031-503-4004 Prepare and Submit NBC-4 Report

031-503-1001 Perform Operator's Maintenance on an M17-Series Protective Mask

031-503-1003 Store Protective Mask with Hood in Carrier

031-503-1004 Recognize and Protect Self against a CB Hazard

031-503-1005 Recognize and Protect Self against a Nuclear Hazard

031-503-1006 Give Visual, Vocal, and/or Sound Alarms for Chemical or Biological Attack

031-503-1007 Decontaminate Self

031-503-1008 Decontaminate Individual Equipment

031-503-1009 Satisfy Personnel Needs in a Chemical Environment

031-503-1010 Exchange Filters on an M17-Series Protective Mask

031-503-1011 Perform Operator's Maintenance on an M24, M25, or M25A1 Protective Mask

(Nuclear, Biological and Chemical continued)

- 031-503-1012 Put on and Wear an M24, M25, or M25A1 Protective Mask
- 031-503-1013 Inspect Filter Canister on an M24, M25, or M25A1 Protective Mask
- 031-503-1014 Identify a Chemical Agent Using ABC-M8 Detector Paper
- 031-503-1015 Put on and Wear Protective Clothing
- 031-503-1902 Put on and Wear a Protective Mask (M17-Series)
- 031-503-1905 Prepare a Vehicle for Nuclear Attack
- 031-503-2002 Decontaminate Equipment Using ABC-M11 Decontamination Equipment
- 031-503-2003 Place the Automatic Chemical-Agent Alarm System into Operation
- 031-503-2004 Service the Automatic Chemical-Agent Alarm System
- 031-503-2901 Measure Radiation Using an IM-9E/PD, IM-93/UD, or IM-147/PD Radio Instrument
- 031-503-3004 Protect Self while Crossing a Contaminated Area

COMPETENCY STANDARDS

Percent Language Skills

Listening	25%
Speaking	11%
Reading	18%
Writing	19%

ICP LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to learn.
CONDITIONS: Given oral instructions in the form of a lecture in any training situation (Appendix 4), using standard and non-standard lexical and structural items. (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication.
- TASK:** Produce oral utterances to inform.
CONDITIONS: Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard lexical and structural items. (Appendices 5 & 6)
STANDARDS: 100% understandable oral communication.
- TASK:** Produce appropriate oral responses spontaneously or upon request.
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items. (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses.
- TASK:** Read for information.
CONDITIONS: Given printed MOS training materials in the form of lists and concrete procedures.
STANDARDS: 100% understanding of written content.
- TASK:** Write to record.
CONDITIONS: Given a requirement to make a written report.
STANDARDS: 100% legible written content.

SECURITY AND INTELLIGENCE

071-315-2301	Conduct Surveillance Using an AN/PVS-2
071-331-0801	Use Challenge and Password
071-331-0803	Collect/Report Information--SALUTE (Spot Report)
071-331-0814	Identify Friendly and Threat (OPFOR) Vehicles
171-091-1015	Identify Friendly and Threat Aircraft
171-283-1023	Conduct Surveillance Using an AN/PVS-4 Night Vision Sight
171-337-1017	Prepare Captured Documents and Materials for Processing
171-376-1016	Prepare Known or Suspected Enemy Personnel for Processing
071-331-0809	Emplace and Recover Field Expedient Warning Devices
071-331-0811	Emplace/Recover Electronic Anti-Intrusion Devices
071-331-0813	Emplace/Recover an M49A1 Trip Flare
071-326-5705	Establish an Observation Post (OP)

Percent Language Skills

Listening	48%
Speaking	24%
Reading	20%
Writing	24%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to spontaneous oral utterances to interact.
CONDITIONS: Given challenge, current password, and enemy or friendly personnel.*
STANDARDS: 100% understanding of oral information.

TASK: Produce spontaneous oral utterances to interact.
CONDITIONS: Given challenge, current password, and enemy or friendly personnel.*
STANDARDS: 100% understandable oral utterances.

*in any training situation, (Appendix 4) using standard and non-standard lexical and structural items (Appendices 5 and 6)

(Security and Intelligence continued)

TASK: Listen to scenarios to react and report.
CONDITIONS: Given a scenario and need to report to a leader.*
STANDARDS: 100% understanding of oral information.

TASK: Read to learn.
CONDITIONS: Given MOS printed training materials in the form of concrete procedure and acronyms with key words for memory.
STANDARDS: 100% understanding of printed material.

TASK: Read to identify and recall.
CONDITIONS: Given lengthy MOS printed training material in the form of pictures with descriptions.
STANDARDS: 100% understanding of written information.

TASK: Write to report and inform (descriptive).
CONDITIONS: Given tag, pencil, and documents or equipment.
STANDARDS: 100% legibility of written communication.

* in any training situation (Appendix 4) using standard and non-standard lexical or structural items (Appendices 5 and 6)

ADMINISTRATION, LEADERSHIP, AND TRAINING

Percent Language Skills

Listening	46%
Speaking	21%
Reading	29%
Writing	32%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Produce oral utterances to teach.
CONDITIONS: Given knowledge of administration, leadership, and training, and a class to teach. *
STANDARDS: 100% understandable oral utterances.

TASK: Write to record.
CONDITIONS: Given DA Form 2404, 2408-1, 2408-14, and pencil and specific information.
STANDARDS: 100% legibility of written communication.

*in any training situation (Appendix 4) using standard and non-standard lexical and structural items (Appendices 5 and 6)

171-530-1001 Make Operator's Entries in Organizational Historical Records

171-896-2001 Conduct a Performance-oriented Training Session

M113A1 PERSONNEL CARRIER

Percent Language Skills

Listening	61%
Speaking	24%
Reading	18%
Writing	16%

JOB LANGUAGE PERFORMANCE REQUIREMENTS

- TASK:** Listen to learn.
CONDITIONS: Given oral information in the form of a lecture with standard and non-standard lexical and structural items (Appendices 5 and 6), in any training situation (Appendix 4).
STANDARDS: 100% understanding of oral communication.
- TASK:** Listen to react.
CONDITIONS: Given oral instructions and obstacles. *
STANDARDS: 100% understanding of oral communication.
- TASK:** Produce oral utterances to report.
CONDITIONS: Given simulated/real situations, and required reports to organizational maintenance.
STANDARDS: 100% understandable oral utterances.
- TASK:** Read to learn.
CONDITIONS: Given printed MOS training materials in the form of lengthy paragraphs, listed procedures, pictures with captions, and tables.
STANDARDS: 100% understanding of printed content.
* in any training situation (Appendix 4) using standard and non-standard lexical and structural items (Appendices 5 and 6)

- 071-326-3011 Drive a Track Vehicle Using Terrain for Cover and Concealment (M113A1)
- 071-333-6500 Drive an M113A1 (APC)
- 071-333-6503 Drive an APC with Night Vision Devices, Infrared Equipment, and Blackout Drive
- 071-333-6504 Operate an APC in Water
- 071-333-6512 Negotiate Obstacles in an M113A1
- 071-333-6514 Prepare an M113A1 for Towing
- 071-333-6515 Remove/Install Track Shoe(s) on an M113A1

(M113A1 Personnel Carrier continued)

071-333-6516	Stop the Engine of an M113A1
071-333-6517	Start the Engine of an M113A1
071-333-6518	Troubleshoot an M113A1
071-333-6519	Extinguish a Fire on an M113A1
071-333-6520	Perform Before-Operation Daily Preventive Maintenance Checks and Services on an M113A1
071-333-6521	Perform During-Operation Daily Preventive Maintenance Checks and Services on an M113A1
071-33-6522	Perform After-Operation Daily Preventive Maintenance Checks and Services on an M113A1
071-333-6523	Self-Recover Shoe(s) M113A1
171-139-1000	Recover a Track Vehicle by Similar Vehicle or Track Recovery Vehicle
171-139-1001	Perform Preventive Maintenance on Optical Equipment
171-139-1002	Lubricate a Track Vehicle according to the Lubrication Order (LO)
171-139-1004	Perform Preventive Maintenance on Basic Issue Items (BII)

SECTION VI

JOB LANGUAGE PERFORMANCE
REQUIREMENTS (JLPR s)

(Entire MOS)

INTRODUCTION

The product of the entire data gathering and organization is the JLPR s. These are relevant to all common and duty tasks in 19D.

There are two tasks per generic skill and listed below each task are the types of receptive or productive behavior involved.

READING

TASK: Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features, (Appendix 4) in simple to complex printed form in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understanding of printed content.

* The following are specific conditions found in this language task:

* Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	Cartoons
Rules	Problems
Maps	Manuals
Flags	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

TASK: Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features (Appendices 5 & 6) in simple to complex written form in any training situation. (Appendix 4)

STANDARDS: 100% understanding of written content.

* The following are specific conditions found in this language task:

* Lists

- Information
- Descriptions
- Radiation readings off dosimeter
- Coordinate scales
- Callsigns-suffixes
- Three-letter codes
- Examples
- Calculations
- Markings
- Radio communications
- Range cards
- Notes
- Messages

WRITING

TASK: Upon instruction, write in conventional orthography, letters, numbers, words or sentences appropriate to the training situation.

CONDITIONS: Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.

STANDARDS: 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situation.
(Appendix 4)

* The following are specific conditions found in this language task:

* Ratings

- Signatures
- Range cards
- Data symbols
- Answers
- Descriptions
- Notes
- Reports

TASK: Write in conventional orthography letters, or specialized code, numbers, words or sentences in order to transmit or record information.

CONDITIONS: Given standardized forms or paper and oral communication.

STANDARDS: 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

* The following are specific conditions found in this language task:

* Technical forms

- Codes
- Grid coordinates
- Decoded messages
- Encoded messages
- Logbooks
- Plottings
- Figures
- Reports
- Tags
- Range cards

LISTENING

TASK: Understand oral language intended to inform or instruct.
CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, (Appendix 4), formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 5 & 6)
STANDARDS: 100% understanding and assimilation of presented oral language task.

* The following are specific conditions found in this language task:

* Warnings
Described situations
Directions
Lectures
Scenarios
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit response.
CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)
STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

* The following are specific conditions found in this language task:

* Shouting
Radio communications
Messages
Coded messages
Clear text
Spellings
Conversation
Requests

SPEAKING

TASK: Formulate and produce appropriate oral responses spontaneously or upon request.

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understandable oral response using correct lexicon, syntax, registers and styles for the training situation.

* The following are specific conditions found in the language task:

- * Explanations
- Statements
- Repetitions
- Counting
- Corrections
- Assignments
- Notifications
- Oral reports
- Answers
- Clarifications
- Information

TASK: Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.

CONDITIONS: Given a communitive situation (Appendices 4, 5, & 6, 19D Soldier's Manual) in any training situation.

STANDARDS: 100% understandable communication using correct lexicon, syntax, registers, and styles for the communication act.

* The following are specific conditions found in this language task:

- * Requesting information
- Requesting permission
- Transmitting messages
- Callsigns
- Vocal signals
- Shout warnings
- Radio communications
- Messages
- Phonetic messages
- Target locations
- Directions (N,S,E,W)
- Directions, general
- Requests for fire
- Report on the results of fire
- Challenges/Passwords
- Training sessions
- Interaction

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentages Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (In-house)
7. Vocabulary (Machine-generated)
8. 60 ECL Structures

Blackout drive

2-Filled
3-Filled

YES
NO IS TASK TAUGHT?

LISTENING*
SPEAKING*
READING*
WRITING*

LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON

YES
NO

WRITTEN
ORAL
PERFORMED

PERSON E

RESU
DANG

▲ 1-2-19D

58

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved for use by TRADOC in 1980. Through the course of analysis, it was found that not all variables were immediately useful. Those variables not used in this document may be used later in the course design. Variables not used were:

Danger to person/equipment
Is it taught?
Is it tested?
Is it difficult?
Is it important?

They were not useful because they did not address difficulties as involved with a native v/s a non-native - the responses to these variables address the entire population, native speakers and non-natives.

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

DATA OBTAINED FROM:

St. Hood Unit

Women Measuring

NO.	DANGER TO PERSON OR EQUIPMENT IMPORTANCE	TEACHING METHOD	TYPE OF TESTING	SIS	REGS.	SIS		DANGER TO PERSON OR EQUIPMENT IMPORTANCE	TEACHING METHOD	TYPE OF TESTING	SIS	REGS.
						difficult?	tested?					
AD. <u>Capable Adult</u>												
071-237-1001	5/5/5/5	self-paced	written	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	self-paced	written	1 1 1 1	1 1 1 1
071-237-1002	5/5/5/5	hands-on demonstration	oral performance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	hands-on demonstration	oral performance	1 1 1 1	1 1 1 1
071-237-1003	5/5/5/5	lecture	written	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	lecture	written	1 1 1 1	1 1 1 1
071-237-1004	5/5/5/5	self-paced	written	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	self-paced	written	1 1 1 1	1 1 1 1
071-237-1005	5/5/5/5	hands-on demonstration	oral performance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	hands-on demonstration	oral performance	1 1 1 1	1 1 1 1
071-237-1006	5/5/5/5	lecture	written	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	lecture	written	1 1 1 1	1 1 1 1
071-237-1007	5/5/5/5	self-paced	written	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5/5/5/5	self-paced	written	1 1 1 1	1 1 1 1

NOs: 190

NUMBER OF RESPONSES: seven

DATA OBTAINED FROM: St. Hood

TRAINING SPECIALIST: Henry M. ...

2

DATA OBTAINED FROM H. Hood Unit TRAINED BY Walter Mc Sterling

UNIT	CRITICAL		TEACHING					USING TESTING		DATA
	danger to person or equipment importance	lecture demonstration hands-on self-paced	written oral performance	listening speaking reading writing	testing performance oral written	testing listening speaking reading writing				
tested? difficult?	importance	importance	importance	importance	importance	importance	importance	importance		
081-831-1011	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		
081-831-1012	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		
081-831-1013	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		
081-831-1014	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		
081-831-1015	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		
071-526-0608	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		
115-571-1005	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5		

MOS: _____ NUMBER OF RESPONSES: _____
DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

COMPILED DATA

writing reading speaking listening

written oral performance

self-paced hands-on demonstration lecture

danger to person or equipment importance

difficult? tested?

soldiers P.O.I. MILPERCEN Regs

writing reading speaking listening

written oral performance

self-paced hands-on demonstration lecture

danger to person importance

difficult? tested? important?

		3 3	5 5 11	5 5 5 5	3 1 1 1					
									3 3 3 3	5 5 5 5
									3 3 3 3	5 5 5 5
									3 3 3 3	5 5 5 5
									3 3 3 3	5 5 5 5
									3 3 3 3	5 5 5 5

At 7.2
At 8.2

MOS: 190

NUMBER OF RESPONSES: 6

DATA OBTAINED FROM: Unit H. Hood

TRAINING SPECIALIST Alison Mac Isling

		of 4		ALI/UNLY	COMPILED DATA		MOS:		NUMBER OF RESPONSES:	
UNIT	TESTED?	DIFFICULT?	CRITICAL IMPORTANCE	TEACHING METHODS	PERFORMANCE	WRITTEN ORAL	LISTENING	READING	SPEAKING	WRITING
113-587-3062	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	self-paced	✓	✓	3 5	5 1 2 1	3 5	AT ₂ =6.1
113-587-3045	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	hands-on demonstration lecture	✓	✓	3 3 3 3	2 3 3 3	3 3	AT ₂ =6.1
113-600-1081	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	self-paced	✓	✓	3 3 3 3	3 3 3 3	3 3 3 3	AT ₂ =6.1
113-600-7019	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	self-paced	✓	✓	3 3 3 3	3 3 3 3	3 3 3 3	AT ₂ =6.2
113-600-2006	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	self-paced	✓	✓	3 3 3 3	3 3 3 3	3 3 3 3	AT ₂ =4
113-600-2006	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	self-paced	✓	✓	3 3 3 3	3 3 3 3	3 3 3 3	AT ₂ =6
113-600-3013	2 2 0 0 0 1	2 2 0 0 0 1	5 5 0 0 5 5	self-paced	✓	✓	3 3 3 3	3 3 3 3	3 3 3 3	AT ₂ =6.1

	CONTINUING DATA								
	writing reading speaking listening								
TEACHING METHOD	written oral performance								
	self-paced hands-on demonstration lecture								
	exposed to person or equipment importance								
	difficult? tested?								

MOS: _____ NUMBER OF RESPONSES: _____
 DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Reqs:								
TEACHING METHOD	writing	1	1	1	1	1	1	1	1
	reading	1	1	1	1	1	1	1	1
	speaking	1	1	1	1	1	1	1	1
	listening	1	1	1	1	1	1	1	1
TEACHING METHOD	written oral performance	1	1	1	1	1	1	1	1
	self-paced hands-on demonstration lecture	1	1	1	1	1	1	1	1
	exposed to person or equipment importance	1	1	1	1	1	1	1	1
	difficult? tested? exposed?	1	1	1	1	1	1	1	1

171-
600-3013
-315-110 3080 6080 70 5101 8701
-188-110 -188-110 -188-110 -188-110 -110-110 -820-110

MOS: 110 NUMBER OF RESPONSES: 6

DATA OBTAINED FROM: Unit Ft. Hood TRAINING SPECIALIST Watson, Ric Paul

UNIT	TESTING	TEACHING	LAB	IMPORTANCE	DIFFICULT?	TESTED?
07-337-011	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-012	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-014	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-015	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-016	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-018	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-019	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?

MOS: _____ NUMBER OF RESPONSES: _____
 DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

UNIT	TESTING	TEACHING	LAB	IMPORTANCE	DIFFICULT?	TESTED?
07-337-011	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-012	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-014	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-015	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-016	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-018	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?
07-337-019	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	importance	difficult?	tested?

7/13/11

X

07-337-011

07-337-012

07-337-014

07-337-015

07-337-016

07-337-018

07-337-019

2	2	2	2	2	2	2	2
-	-	-	-	-	-	-	-
.5	.3	.5	.3	.5	.5	.5	.5
✓	✓	✓	✓	✓	✓	✓	✓
MOS: _____		NUMBER OF RESPONSES: _____					
DATA OBTAINED FROM: _____				TRAINING SPECIALIST: _____			

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NUMBER OF RESPONSES: 6

Wood, J. Wood TRAINING SPECIALIST Wesley McJunk

$A_1 = 2.5$	$A_2 = 2.5$	$A_3 = 2.5$	$A_4 = 2.5$	$A_5 = 2.5$	$A_6 = 4.2$
3333	3333	3333	3333	3333	3333
V-V-VV-	V-V-VV-	V-V-VV-	V-V-VV-	V-V-VV-	V-V-VV-
15	15	15	15	15	15
2-	2-	2-	2-	2-	2-

NUMBER OF RESPONSES: _____

_____ TRAINING SPECIALIST: _____

031-503-

1012

031-503-

1013

031-503-

1014

031-503-

1015

031-503-

T102

031-503-

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CONFIDENTIAL DATA									
writing reading speaking listening									
written oral performance									
self-paced hands-on demonstration lecture									
exposed to person or equipment importance									
difficult? tested?									

MCS: _____ NUMBER OF RESPONSES: _____
 DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Rcgs:									
writing reading speaking listening	///	///	///	///	///	///	///	///	///
written oral performance	///	///	///	///	///	///	///	///	///
self-paced hands-on demonstration lecture	///	///	///	///	///	///	///	///	///
exposed to person importance	///	///	///	///	///	///	///	///	///
difficult? tested? ought?	///	///	///	///	///	///	///	///	///

NO	NO	CRITICAL	OF TEACHING	OF TESTING	BASE	UNIT		UNIT	CRITICAL	OF TEACHING	OF TESTING	BASE	UNIT		UNIT	CRITICAL	OF TEACHING	OF TESTING	BASE	UNIT		
		danger to equipment/person importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	soldiers P.O.I. MILPERCEN Regs:		difficult? tested?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled DATA	10								

NOS: _____ NUMBER OF RESPONSES: _____
 DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

071-331-
 0801
 071-331-
 0803
 071-331-
 0814
 171-991-
 1015
 171-283-
 1023
 171-337-
 1017
 171-376-
 1016

NO	UNIT	DIFFICULT?	IMPORTANCE	DANGER TO PERSON OR EQUIPMENT	TEACHING METHOD				CF	EIS	CLASS DATA	DATA OBTAINED FROM:	NUMBER OF RESPONSES:	TESTED?	WRITTEN	ORAL	PERFORMANCE	SELF-PACED	HANDS-ON	DEMONSTRATION	LECTURE	EIS	COMPILED DATA	ALL/UNIT
					LECTURE	DEMONSTRATION	HANDS-ON	SELF-PACED																
071-283-050	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =5.3		
071-283-1021	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =5.3		
071-283-2001	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =7.3		
071-283-2001	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =7.3		
071-283-2001	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =6.1		
071-311-2003	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =9		
071-311-2003	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =9		
071-311-2003	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =9		
071-311-2003	1021	000000	555555	555555	///	///	///	///	///	555555			000000	///	///	///	///	///	///	///	555555	AT ₂ =9		



IC NO	UNIT	DIFFICULT?	IMPORTANCE	TEACHING	OF TESTING	ELLS	DATA
071-311-2104	AI2=2	1111 002000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data
071-318-2201	AI2=9	1111 000000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data
071-318-2202	AI2=6	1111 000000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data
071-318-2203	AI2=6	1111 000000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data
071-312-2313	AI2=6	1111 000000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data
071-312-3001	AI2=4	1111 000000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data
071-312-3005	AI2=6	1111 000000 000000	555555 555555	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	compiled data

MOS: 190 NUMBER OF RESPONSES: 7
 DATA OBTAINED FROM: H. Know TRAINING SPECIALIST: Henry M. ...

Goal DATA

ELLS

OF TESTING

TEACHING

IMPORTANCE

DIFFICULT?

UNIT

CRITICAL

TEACHING

16

FIG: 19D NUMBER OF RESPONDERS: 6

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

ALL/SP4	COMPILED DATA	MS = 8	MS = 7.1	MS = 4.2	MS = 7	MS = 6.5	MS = 7.1	MS = 8.2
ELC	writing reading speaking listening	1 5 1 8 5 5 5 4 3 3 3 3 3 1 3 1 3	3 3 5 3 3 3 3 3 3 1 3 1 3	1 3 3 3 3 3 3 3 3 3 1 3 1 3	1 3 3 3 3 3 3 3 3 3 1 3 1 3	5 5 4 4 3 3 3 3 1 3 1 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3
OF TESTING	written oral performance	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /
OF TEACHING	self-paced hands-on demonstration lecture	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /
CRITICAL	danger to person or equipment importance	5 5 5 5 5 0 0 5 5 5	5 5 5 5 5 0 0 5 5 5	5 5 5 5 5 0 0 5 5 5	5 5 5 5 5 0 0 5 5 5	5 5 5 5 5 0 0 5 5 5	5 5 5 5 5 0 0 5 5 5	5 5 5 5 5 0 0 5 5 5
UNLU	difficult? tested?	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2

MOS: 19D NUMBER OF RESPONSES: 4

DATA OBTAINED FROM: H. Knopf TRAINING SPECIALIST: Henry Mieser

DATA	soldiers P.O.I. MILPERCEN Regs:							
ELC	writing reading speaking listening	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - -
OF TESTING	written oral performance	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /
OF TEACHING	self-paced hands-on demonstration lecture	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /	/ / / / / /
CRITICAL	danger to person/ importance	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5
UNLU	difficult? taught?	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2	2 0 0 2 2 0 0 2 2 2

05-19-150 05-11-111 05-11-111 05-11-111 05-11-111 05-11-111 05-11-111 05-11-111

8

NOS: 190 NUMBER OF RESPONSES: 6

DATA OBTAINED FROM: H. Hood TRAINING SPECIALIST: McJelin/Warren

UNIT	DIFFICULT? TESTED?	IMPOR- TANCE	TEACHING METHODS	WRITTEN ORAL PERFORMANCE	EMS	ALL/PTA COMPILED DATA
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	8.1 AT2
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	AT2 = 7.1
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	AT2 = 5.1
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	AT2 = 5
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	AT2 = 5
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	AT2 = 2
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	AT2 = 3.1

NOS: 190 NUMBER OF RESPONSES: 7

DATA OBTAINED FROM: H. Knox TRAINING SPECIALIST: Henry Martin

UNIT	DIFFICULT? TESTED?	IMPOR- TANCE	TEACHING METHODS	WRITTEN ORAL PERFORMANCE	EMS	DATA
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	soldiers P.O.I. MILPERCEN Regs:
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	
	200000	500000	self-paced hands-on demonstration lecture	✓ ✓ ✓ ✓	3333 3111	

FORM 54-170 5051-561-100 1145-922-100 0059-222-170 0059-222-170 0059-222-170 0059-222-170 0059-222-170

DATA OBTAINED FROM: H. Hood

TRAINING SPECIALIST: Wheeler / McJannet

TESTING	TEACHING	APPLICATION	URIL	DATA	TECHNICAL	TEACHING	TESTING	TECHNICAL	TEACHING	TESTING	TECHNICAL	TEACHING	TESTING	TECHNICAL	TEACHING	TESTING	TECHNICAL	TEACHING	TESTING	
writing	self-paced	danger to person or equipment importance	difficult? tested?	soldiers P.O.I. MILPERCEN Regs	written oral performance	self-paced hands-on demonstration lecture	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance	written oral performance
reading	hands-on	importance	tested?																	
speaking	demonstration	importance	tested?																	
listening	lecture	importance	tested?																	

MOS: 190 NUMBER OF RESPONSES: 7

DATA OBTAINED FROM: H. Hood TRAINING SPECIALIST: Wheeler / McJannet

AGE: 190 NUMBER OF RESPONSES: 6

DATA OBTAINED FROM: H. Hord TRAINING SPECIALIST: Women, '41c Jack

UNIT	difficult? tested?	danger to person or equipment importance	TEACHING OF	written oral performance	ELMS	COMPILED DATA
1	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =9
2	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =9
3	010102	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =7
4	000102	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =4
5	000202	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =4
6	000202	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =6.1
7	000502	555555	✓	✓	3333 5455 3331 5151 3-3 3553	A ₂ =4.1

MOS: 190 NUMBER OF RESPONSES: 7

DATA OBTAINED FROM: H. Knot TRAINING SPECIALIST: Macias

UNIT	difficult? taught?	danger to equipment/ person importance	TEACHING	written oral performance	ELMS	DATA
1	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	soldiers P.O.I. MILPERCEN Regs
2	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	
3	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	
4	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	
5	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	
6	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	
7	000000	555555	✓	✓	3333 5455 3331 5151 3-3 3553	

171-177-1004 171-137-1002 171-177-1001 171-137-1008 071-327-6523 071-327-6522 071-327-6521

NO: 190 NUMBER OF RESPONSES: 6

DATA OBTAINED FROM: H. Hood TRAINING SPECIALIST: McJuling / Larson

CONFILED DATA	WRITING reading speaking listening	WRITTEN oral performance	TEACHING METHOD	CRITICAL danger to person or equipment importance	UNFA difficult? tested?
AT ₂ =4	552 3133	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022
AT ₂ =4	4455 3133	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022
AT ₂ =4	3555 3133	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022
AT ₂ =4	4455 3135	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022
AT ₂ =4	5554 3133	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022
AT ₂ =4	5522 3135	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022

MOS: 190 NUMBER OF RESPONSES: 4

DATA OBTAINED FROM: J. Knox TRAINING SPECIALIST: Macias

DATA soldiers P.O.I. MILPERCEN Regs:	WRITING reading speaking listening	WRITTEN oral performance	TEACHING METHOD	CRITICAL danger to person/ equipment importance	UNFA difficult? tested? light?
	22 22 22 22	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022 00022
	22 22 22 22	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022 00022
	22 22 22 22	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022 00022
	22 22 22 22	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022 00022
	22 22 22 22	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022 00022
	22 22 22 22	✓ ✓	self-paced hands-on demonstration lecture	00055 00055	00022 00022 00022

171-55-155 1861-121-155 154-121-155 155-121-155 155-121-155 155-121-155 155-121-155

writing									
reading									
speaking									
listening									
written									
oral									
performance									
self-paced									
hands-on									
demonstration									
lecture									
danger									
importance									
difficult									
tested									

AIT MOS: _____ NUMBER OF RESPONSES: _____ DATA FROM: _____

UNIT MOS: 190 NUMBER OF RESPONSES: 6 DATA FROM: J. Kirk

writing	1	2		3	2	3	1	2	1	2	1	2
reading	2	1	1	3	3	3	1	2	2	2	2	1
speaking	3	3	1	3	3	3	1	2	2	2	2	1
listening	3	2	1	3	3	3	1	2	2	2	2	1
written	/	/	/	/	/	/	/	/	/	/	/	/
oral	/	/	/	/	/	/	/	/	/	/	/	/
performance	/	/	/	/	/	/	/	/	/	/	/	/
self-paced	/	/	/	/	/	/	/	/	/	/	/	/
hands-on	/	/	/	/	/	/	/	/	/	/	/	/
demonstration	/	/	/	/	/	/	/	/	/	/	/	/
lecture	/	/	/	/	/	/	/	/	/	/	/	/
danger	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
importance	0	0	0	0	0	0	0	0	0	0	0	0
difficult	0	2	0	0	0	0	0	0	0	0	0	0
tested	0	1	1	1	1	1	1	1	1	1	1	1
	0	1	1	1	1	1	1	1	1	1	1	1

113-674-1007

113-593-4002

113-593-8001

113-688-1069

051-196-2502

071-331-0809

THE MILLER COMPANY

writing				
reading				
speaking				
listening				
written				
oral				
performance				
self-paced				
hands-on				
demonstration				
lecture				
danger				
importance				
difficult				
tested				

AIT MOS: 190 NUMBER OF RESPONSES: _____ DATA FROM: _____

UNIT MOS: 190 NUMBER OF RESPONSES: 6 DATA FROM: JK

writing																				
reading																				
speaking																				
listening																				
written																				
oral																				
performance																				
self-paced																				
hands-on																				
demonstration																				
lecture																				
danger																				
importance																				
difficult																				
tested																				

071-331-0811
071-331-0815
071-331-5705
071-196-2501
071-401-041

AIT	MOS: _____	NUMBER OF RESPONSES: _____	DATA FROM: _____
UNIT	MOS: <u>19 D</u>	NUMBER OF RESPONSES: <u>9</u>	DATA FROM: <u>J. Kurt</u>
writing	3	3	3
reading	1 1 1 1	1 1 1 1	1 1 1 1
speaking	3 3 3 3	3 3 3 3	3 3 3 3
listening	3 3 3 3	3 3 3 3	3 3 3 3
written	1 1 1 1	1 1 1 1	1 1 1 1
oral			
performance	1 1 1 1	1 1 1 1	1 1 1 1
self-paced			
hands-on	1 1 1 1	1 1 1 1	1 1 1 1
demonstration	1 1 1 1	1 1 1 1	1 1 1 1
lecture	1 1 1 1	1 1 1 1	1 1 1 1
danger	.5 .5 .5 .5	.5 .5 .5 .5	.5 .5 .5 .5
importance	5 5 5 5	5 5 5 5	5 5 5 5
difficult	0 0 0 0	0 0 0 0	0 0 0 0
tested	0 0 0 0	0 0 0 0	0 0 0 0
	091-503-150	091-503-200	091-503-300
	091-503-150	091-503-200	091-503-300
	091-503-150	091-503-200	091-503-300
	091-503-150	091-503-200	091-503-300
	091-503-150	091-503-200	091-503-300
	091-503-150	091-503-200	091-503-300

0.

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains computations made to arrive at the Percentages of listening, speaking, reading and writing involved in each cluster.

*some clusters have two sets of computations
This is because some Task Prioritization Forms were received after original computations and had to be added on.

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PERCENTAGE LANGUAGE SKILLS
NOS

of tasks in cluster x's
variables x's # of totals
respondents per cluster =
total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture. -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
Individual Fitness	6 6 7 7 5 <u>31</u> 7x5x1=35	0 1 2x7x1=14	0 0 0 3x7x1=21	0 0 0 4x7x1=28
TOTAL	89%	7%	6%	21%
First Aid	47 61 43 48 67 <u>266</u> 7x5x11=385	12 29 41 7x2x11=154	10 45 22 7x2x11=154	5 13 15 7x2x11=154
TOTAL	69%	27%	40%	20%
Communications	42 61 85 78 74 <u>340</u> 36 97 77 54 81 <u>345</u> 10 17 14 13 18 <u>72</u> 5x2x7	38 50 88 63 7 70 4 11 15 2x2x7	5 15 22 51 20 20 20 71 5 7 6 18 3x2x7	5 15 22 51 20 20 20 71 5 7 6 18 4x2x7
TOTAL	58%	33%	18%	22%

PERCENTAGE LANGUAGE SKILLS
NOS 190

of tasks in cluster x's # of total variables x's # of total respondents per cluster / total %

FORMULA	LISTENING		SPEAKING		READING		WRITING	
	-demonstration		-oral (test)		-self-paced		-lecture	
	-lecture		-rating (scale)		-written (test)		-self-paced	
	-hands-on				-rating (scale)		-written (test)	
	-performance (test)						-rating (scale)	
	-rating (scale)							
Cluster	5 = 100%		2 = 100%		3 = 100%		4 = 100%	
M151 1/4-TON Driver	10 5 10 10 10 <u>45</u> 5x6x6	20 10 15 15 <u>23</u> 83 5x6x7	5 <u>6</u> 11 2x6x6	0 <u>11</u> 11 2x6x7	1 <u>0</u> 11 3x6x6	10 <u>5</u> 21 3x6x6		
TOTAL	33%		2%		14%			
COMBAT RECOGNIZABLE	14 18 15 16 <u>23</u> 86 4x6x5	16 20 18 10 <u>21</u> 85 4x7x5	6 4 5 6 <u>5</u> 29 5x7x2	5 <u>5</u> 10 4x6x2	3 <u>17</u> 20 4x7x2	13 4 <u>3</u> 26 4x6x2	16 <u>11</u> 28 4x7x2	
TOTAL	50%		36%		29%		30%	
M16A1 RIFLE	30 7 24 28 10 <u>110</u> 7x6x6	20 40 43 41 20 <u>173</u> 7x7x5	1 <u>11</u> 12 7x6x2	1 <u>21</u> 22 7x7x2	7 1 <u>11</u> 19 7x6x3	8 3 <u>4</u> 15 7x7x2	7 7 1 <u>6</u> 21 4x6x2	40 7 1 5 <u>53</u> 7x7x2
TOTAL	62%		18%		12%		1%	
M203 Grenade Launcher	7 11 15 11 <u>11</u> 55 4x5x6	11 21 14 8 <u>23</u> 81 4x5x7	0 <u>7</u> 7 4x2x6	2 <u>10</u> 12 2x4x7	0 3 <u>6</u> 9 4x3x6	0 0 <u>2</u> 2 4x3x7	6 0 0 0 <u>6</u> 4x6x2	7 0 0 0 <u>7</u> 2x7x2
TOTAL	50%		13%		7%		1%	
							89	

PERCENTAGE LANGUAGE SKILLS
MOS 19D

of tasks in cluster x's
variables x's # of totals
respondents per cluster =
total %

FORMULA	LISTENING		SPEAKING		READING		WRITING	
	-demonstration		-oral (test)		-self-paced		-lecture	
	-lecture		-rating (scale)		-written (test)		-self-paced	
	-hands-on				-rating (scale)		-written (test)	
	-performance (test)						-rating (scale)	
	-rating (scale)							
Cluster	5 = 100%		2 = 100%		3 = 100%		4 = 100%	
DRACON	$\begin{array}{r} 21 \\ 14 \\ 22 \\ 24 \\ 21 \\ \hline 102 \\ 6 \times 5 \times 6 \end{array}$	$\begin{array}{r} 24 \\ 27 \\ 18 \\ 12 \\ 30 \\ \hline 111 \\ 6 \times 5 \times 7 \end{array}$	$\begin{array}{r} 0 \\ 17 \\ 17 \\ \hline 6 \times 2 \times 6 \end{array}$	$\begin{array}{r} 1 \\ 12 \\ 13 \\ \hline 6 \times 2 \times 7 \end{array}$	$\begin{array}{r} 0 \\ 22 \\ 17 \\ 17 \\ \hline 6 \times 3 \times 6 \end{array}$	$\begin{array}{r} 46 \\ 46 \\ 17 \\ \hline 6 \times 3 \times 7 \end{array}$	$\begin{array}{r} 14 \\ 14 \\ 14 \\ 14 \\ \hline 56 \\ 7 \times 8 \end{array}$	$\begin{array}{r} 27 \\ 27 \\ 27 \\ 27 \\ \hline 108 \\ 12 \times 9 \end{array}$
TOTAL	55%		19%		11%		23%	
HEAVY ALTANK WEAPON (R&L)	$\begin{array}{r} 10 \\ 8 \\ 10 \\ 11 \\ 11 \\ \hline 50 \\ 5 \times 7 \times 5 \end{array}$	$\begin{array}{r} 15 \\ 9 \\ 12 \\ 9 \\ 15 \\ \hline 60 \\ 3 \times 5 \times 6 \end{array}$	$\begin{array}{r} 2 \\ 11 \\ 13 \\ \hline 3 \times 2 \times 6 \end{array}$	$\begin{array}{r} 0 \\ 4 \\ 4 \\ \hline 3 \times 7 \times 2 \end{array}$	$\begin{array}{r} 1 \\ 22 \\ 22 \\ 1 \\ \hline 3 \times 2 \times 6 \end{array}$	$\begin{array}{r} 100 \\ 100 \\ 100 \\ 100 \\ \hline 400 \\ 3 \times 2 \times 7 \end{array}$	$\begin{array}{r} 14 \\ 14 \\ 14 \\ 14 \\ \hline 56 \\ 7 \times 8 \end{array}$	
TOTAL	56%		22%		21%		31%	
MINES	$\begin{array}{r} 35 \\ 22 \\ 41 \\ 47 \\ 40 \\ \hline 185 \\ 7 \times 5 \times 6 \end{array}$	$\begin{array}{r} 28 \\ 31 \\ 21 \\ 31 \\ 40 \\ \hline 161 \\ 7 \times 5 \times 7 \end{array}$	$\begin{array}{r} 12 \\ 20 \\ 32 \\ \hline 9 \times 2 \times 6 \end{array}$	$\begin{array}{r} 0 \\ 18 \\ 18 \\ \hline 9 \times 2 \times 7 \end{array}$	$\begin{array}{r} 25 \\ 2 \\ 22 \\ 47 \\ \hline 9 \times 3 \times 6 \end{array}$	$\begin{array}{r} 1 \\ 2 \\ 1 \\ 4 \\ \hline 3 \times 2 \times 7 \end{array}$	$\begin{array}{r} 14 \\ 14 \\ 14 \\ 14 \\ \hline 56 \\ 7 \times 8 \end{array}$	
TOTAL	54%		21%		15%		23%	
DEMILITONS	$\begin{array}{r} 2 \\ 8 \\ 7 \\ 10 \\ \hline 35 \\ 2 \times 5 \times 6 \end{array}$	$\begin{array}{r} 10 \\ 12 \\ 5 \\ 5 \\ 10 \\ \hline 48 \\ 2 \times 5 \times 7 \end{array}$	$\begin{array}{r} 0 \\ 7 \\ 7 \\ \hline 2 \times 2 \times 6 \end{array}$	$\begin{array}{r} 0 \\ 4 \\ 4 \\ \hline 2 \times 2 \times 7 \end{array}$	$\begin{array}{r} 0 \\ 40 \\ 40 \\ \hline 2 \times 3 \times 6 \end{array}$	$\begin{array}{r} 0 \\ 6 \\ 6 \\ \hline 2 \times 2 \times 7 \end{array}$	$\begin{array}{r} 14 \\ 14 \\ 14 \\ 14 \\ \hline 56 \\ 7 \times 8 \end{array}$	
TOTAL	64%		21%		13%		24%	

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**PERCENTAGE LANGUAGE SKILLS
NOS**

of tasks in cluster x's
variables x's # of total
respondents per cluster
total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LIGHT ANTI-TANK WEAPON	12 17 3 9 9 13 7 11 <u>16</u> 41 46 5x3x6 5x7x3	Oral 5 2x3x6	F/R/C R/C/D 3x3x6	
TOTAL	55%	14%	7%	
Machine gun	14 18 5x6x6 4 2 15 2 22 3 <u>19</u> 123	Oral 11 10 2x3x6 2x3x6	1 3x6x6 2 2	
TOTAL	46%	15%	6%	
.45 CALIBER Pistol	12 23 5 27 14 28 19 35 22 36 <u>72</u> 5x6x6 5x7x5	Oral 15 13 13 2x3x6 2x6x5	2 2 12 12 3x6x5 3x7x5	
TOTAL	61%	2%	12%	
.45 Caliber Pistol	2 9 6 6 5x7x7 6 6 4 6 <u>6</u> 24 37 5x2x6	Oral 2 4 2x2x6 2x2x7	0 0 2 4 2x3x6 2x3x7	0 0 0 0 2 0 8 6
TOTAL	47%	11%	9%	13%

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PERCENTAGE LANGUAGE SKILLS
MOS

of tasks in cluster x's
variables x's # of totals
respondents per cluster =
total %

FORMULA	LISTENING		SPEAKING		READING		WRITING	
	-demonstration		-oral (test)		-self-paced		-lecture	
	-lecture		-rating (scale)		-written (test)		-self-paced	
	-hands-on				-rating (scale)		-written (test)	
	-performance (test)						-rating (scale)	
	-rating (scale)							
Cluster	5 = 100%		2 = 100%		3 = 100%		4 = 100%	
LALD	46	4	15		0		0	
INDICATION	38	5	24	1	34	1	2	1
	37	6	21	1	25	7	1	1
	37	4			27			
	41	73						
	243		212	72	212	72	212	72
	516x9	715x1						
TOTAL	74%		33%		36%		57%	
NUCLEAR,	17	0	9	6	0	0	0	0
PSYCHOLOGICAL,	18	14	12	16	0	0	0	0
AND	19	10	21	22	0	0	0	0
CHEMICAL	20	11			0	0	0	0
	21	5	21	25	0	0	0	0
	95	50	212	215	312	315	312	315
	516x4	511x5						
TOTAL	74%		55%		31%		41%	
MANUFACTURE,	16	41	7	1	0	17	0	41
CLEAN AND	18	38	10	21	0	20	0	10
CONCEALMENT	13	25	7	22	0	10	0	20
	16	39			0	62	0	20
	16	46	312	127x2	312	127x2	312	127x2
	69	189						
	715x14	1217x5						
TOTAL	28%		11%		18%		11%	
SECURITY	38	12	4	0	4	0	0	0
AND	23	10	32	60	22	0	0	0
INTELLIGENCE	23	11	36	4	14	11	0	0
	42	9			40	11	0	0
	147	53	712x8	712x4	713x2	713x4	712x2	712x4
	715x8	715x4						
TOTAL	48%		24%		20%		20%	
ADMINISTRATION	3		6		2		3	
TRAINING AND	3		3		2		3	
LEADERSHIP	16	117x5	212		6		412x1	
	16				312x1			
TOTAL	46%		21%		20%		20%	

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APPENDIX 4

This appendix contains the Observation Forms. These forms were taken to the actual training sites. Here, observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in MOS 19D.

A 4-1-19D

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MOS OBSERVATION FORM

MOS 19D LOCATION _____
 TASK # _____ PERSON RECORDING _____
 SUBJECT _____

INSTRUCTION

Physical Environment

COMMENTS

- 1. Classroom
- 2. Open Areas (live fire field, make-up terrain)
- 3. Large enclosed area (bleacher sites, warehouse size)
- 4. Other (comments)

* unable to observe

Instructional Ratio

- 1. Instruct or one-to-one/class
- 2. Peer/one-to-one
- 3. Group or Committee group¹
- 4. Small (12 or less)
- 5. Other (comments)

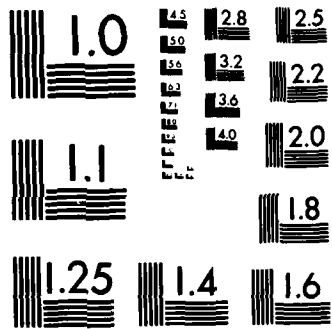
MODES OF INSTRUCTION

COMMENTS

- 1. Films
- 2. Video cassettes
- 3. Graphic training aids (diagrams, etc.,)
- 4. Illustrations a) requiring reading
b) not requiring reading
- 5. Maps
- 6. Mock-ups
- 7. Models/Simulated
- 8. Real equipment
- 9. Transparencies

¹Group of instructors of whom one teaches one portion of the whole

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

- 10. Tape cassettes
- 11. Training publications: a) required
b) available
- 12. Signs/notices
- 13. P.A. System
- 14. Normal Voice
- 15. Soldier's Manual
- 16. Chalkboard
- 17. Other (comments)

MODES OF RESPONSE

COMMENTS

- 1. Manipulate equipment
- 2. Performance
- 3. Answers (spoken-written)
- 4. Signals
- 5. Taking notes
- 6. Teamwork
- 7. Other (comments)

STYLES OF COMMUNICATION

COMMENTS

- 1. Formal Speech
- 2. Informal Speech
- 3. Regional/ethnic
- 4. Body language
- 5. Profanity
- 6. Shop talk/slang
- 7. Non-standard English
- 8. Other (comments)

9-5

APPENDIX 5

STRUCTURAL/LEXICAL LIST

This is the final list of structural and lexical items, grammatically named, for MOS 19D. (For discussion, see Section II)

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A 5-1-19D

STRUCTURAL ITEMS

SENTENCE TYPES

1. **SIMPLE:** One subject and one predicate

PATTERNS:

1. Subject and action verb
 2. Subject and action verb and direct/indirect object
Many things cause burns.
 3. Subject and linking verb and subjective complement
This is very important.
2. **COMPOUND:** Two or more sentences joined by:
 1. Coordinating conjunction
Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.
 2. Conjunctive adverb
Do not start or stop the vehicle while the radio is on or you may damage the set.
 3. Semicolon
A slight pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.
 3. **COMPLEX:** One or more dependant clauses
 1. Adjectival (functions as an adjective by modifying nouns and pronouns)
At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.
 2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs)
 3. Noun (functions as a noun)

INTERROGATIVE

(do, does, modal, wh-, tag, inverted)

But what about the other 15 meters?

Ask, "Who is there?"

DECLARATIVE

EXCLAMATORY

IMPERATIVE

(requests, commands, second person (singular/plural, negative/affirmative), first and second person (let's))

ELLIPSIS:

Split the bracket until fire for effect is possible. *most common type of ellipsis--subject deleted.

FRAGMENT

Movement to occupy a position.

All other parts.

ADVERBIAL CLAUSES*

1. **PURPOSES**

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. **CONTRAST**

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. **COMPARISON**

4. **RESULT**

5. **MANNER**

6. TIME
When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.
Split the bracket until the fire for effect is possible.
7. PLACE
8. CAUSE
Be careful not to depress the trigger, since this will cause the firing pin to be released.
9. ADVERSATIVE
10. CONDITION
If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

3. GERUND
(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.
4. PARTICIPIAL
5. INFINITIVE
6. PREPOSITIONAL
Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive

transitive

linking

The skin becomes inflamed

3. VOICE

active

recognize
protect
is facing
pop. contain
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall
remove

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice

modal+negative+passive

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should not be"

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.

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LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE
2. COMPARATIVES
Threat main tanks are smaller than the US main battle tanks.
3. SUPERLATIVES
The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE
Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).
2. POSSESSIVE
(nouns and apostrophe)
Shake the soldier's shoulder and shout, "Are you OK.?"
3. SUBJECTIVE
This will give you correct nomenclature.
4. OBJECTIVE
It will also give you the correct functioning.
5. REFLEXIVE
Keep yourself clear of the muzzle.

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4.

Assembly procedure for the grenade launcher merely reverses dis-assembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB (particles)

*Negatives
Prepositions
Articles

Pre-BT--not included because of Section II
in this document

APPENDIX 6

VOCABULARY (in-house)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOS 19E, F, D

Task Number: 081-831-1002

Task Title: Perform mouth to mouth resuscitation

GENERAL

adults
airway
almost
any
apply
arms
as long as
assist
assistance
available
away
back
backward
becomes
begin
below
beneath
between
blades
blood
blows
D • in
 eath
breathing
broken
brought
but
causes
certain
checking
check
chest
children
circulation
clear
clothing
compressed
continue
correct
counts
covers
damage
deep
deliver
determine
does
 ing

effective
every
exaggerated
exhales

BASIC

abandon
adam's apple
airtight
alongside
aloud
artificial
bulges
cardiopulmonary
carotid artery
casualty
CPR
cycle
deprived
difference
dislodge
essentially
exchange
heel
IAW
inched
index
inflated
kneeling
maintain
manage
medic
mouth to mouth resuscitation
obstruction
pause
pinched
pliable
position
procedure
pulse
ratio
resistance
respiration
rotate
signal
victim
volume
vomit

TECHNICAL

backbone
breastbone
finger-width
oxygenated

105

MOS: 19D

TASK:OS1-831-1003

TASK TITLE: CLEAR AN AIRWAY USING THE HEIMLICH MANEUVER

GENERAL

allow
arms
behind
choking
clogged
facing fig. 2
fast
forceful
grab
hips
in order to
kneel over
lungs
make a fist
navel
on his side
press
ribs
roll on his back
sitting
standing
stomach
straddle
thrust
upward
vomits
waist
wipe
wrap around

BASIC

clear
soldier

TECHNICAL

airway
Heimlich Maneuver
inhale

106

FORM: 19E, F, D
TASK: 081-551-1004
TASK TITLE: STOP BLEEDING

GENERAL

above
absence
additional
after
anything
applied
apply
area
arm
around
arterial
artery
as soon as
attached
attempt
available
being
below
bleeding
bone
break
broken
can
careful
chapter
check
clean
cloth
clothing
continues
cover
cut
dirty
elbow
elevation
ends
enough
enters
envelope
exits
facility
farther
feel
field
finger
firmly
first
aid
flexible
flow

BASIC

arterial
artery
bandages
bayonet
bind
casualty
contamination
digital
dressings
flexible
forehead
fracture
last result
LAW
limb
loop
medic
missile
pad
personnel
pulse
rag
scabbard
scalp
securing
splinted
pl
spur
square knot
standard
stick
temple
thigh
thumb
tourniquet
treatment
unwinding
wound

DEFINITION

arterial

107

TASK: 001-001-100

general

BASIC

MAINTENANCE

folded

for

forehead

fracture

free

further

get

given

goes

grasp

handling

hands

head

heart

inches

injured

just

keep...from

leave

leg

lessons

level

lies

lifegiving

lift

libb

located

long

loop

loose

loosen

main

mark

material

measure

medical

minutes

missile

more than

near

once

other

pad

paper

pass

past

perform

personnel

28

GENERAL

BASIC

INTERVIEW

place
plastic
pocket
point
possible
press
pressure
prevent
properly
qualified
rag
rassing
references
remove
results
requiring
rough
securing
securly
shown
shuts off
side
site
skin
slows down
soldier
splinted
split
stick
stopping
strip
supplying
surface
fails
tearing
thick
thigh
thumb
tic
tighten
touch
tourniquet
twist
under
until
unwinding
unwrapped
wrapped
wrapper

0.

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MOS: 19D

TASK: 081-831-1005

TASK TITLE: IDENTIFY SIGNS OF AND TREAT FOR SHOCK

GENERAL

BASIC

TECHNICAL

absence
actions
adequate
anxiety
any
appear
apply
artificial respiration
ask
as well as
back
because
below
better
blanket
bleeding
blocking
boots
breath
but
calm
clear
clothing
comfortably
conscious
controlling
determine
develop
especially
etc.
examine
except
exited
expect
explain
face
fast
feel
firm
first aid
fluid
followed
forward
fracture
gently
given

110

TASK: 081-831-1006

GENERAL

BASIC

TECHNICAL

have to
head
balping
however
identify
incorrect
increase
information
injury
insure
lean
likely
loosen
maintain
may
medical
neck
necessary
need
note
observing
other
performance
permits
person
personnel
physician
places
position
positioning
qualified
questions
raised
rapid
references
remains
remove
respiration
result from
self confidence
severe
shock
shoes
show
shows
side
signs
sit
skin
small

11

TASK: 081-831-1006

GENERAL

BASIC

TECHNICAL

soldier
splint fracture
suitable
task
than
thirst
tired
turned
unconscious
upper
vary
waist
warm
warning sign
weather
wet
worse
yet

112

MOS: 19 F, E, D
TASK: 081-831-1006
TASK TITLE: SPLINT A SUSPECTED FRACTURE

GENERAL

across
against
already
anyway
applied
apply
as well as
attempt
available
below
bent
between
bleeding
blood vessel
bone
break
building
burning
changing
circulation
collect
cover
cutting
elbow
enemy fire
etc.
extend past
given
individual
injured
items
jacket
joint
life
material
medical
moving
muscle
must
necessary
nerves
pain
part
performed
person
personnel
pocket
points

BASIC

arm pits
bandages
bind
board
casualty
celan dressing
closed
field expedient splint
fractured part
grasp
IAW
immobilized
impaired
improvised
joint
leafy vegetation
lifesaving measure
medic
open fracture
overlying
padding
performance measure
personnel
pcles
poncho
qualified
razor sharp edge
shelter half
sling
splint
splinted arm
"splint them where they lie"
square knot
sticking through
sticks
tissue
tree limb
unloaded rifle

TECHNICAL

USA: 00-111-1

SPRINKLE

SPRINKLE

SPRINKLE

soldier
splint fracture
suitable
task
than
thirst
tired
turned
unconscious
upper
vary
waist
warm
warning sign
weather
wet
worse
yet

114

MOS: 19D
TASK: GIVE FIRST AID TO PREVENT SHOCK
TASK: 081-831-1005

GENERAL

about
above
after
apply
around
arrives
back
belt
bent
blouse
bodily
breathes
breathing
care
check
chest
chin
continue
day
electrical
finger
head
heart
heavy
(to) help
inches
job
legs
long
materials
minutes
mouth
neck
nose
open
place
poison
position
rapidly
remove
rise
rope
stopping
switch
timed
watch
weak
wide

BASIC

airtight
artificial
artificial respiration
available
common
common sense
compression
conduct
constantly
decision
defected
definite
discomfort
discover
duties
effects
elevate
exposed
fatigue
first-aid
freezing
hazards
in contact with
irregular
knowledge
measure
medical
mouth to mouth resuscitation
necessary
nonconductive
perform
personnel
position
prevent
preventive
pulse
ratio
relieved
remove
respiration
return
seal
sense
shift
shock
soldier
source
tilt
to assume
treat
victim

TECHNICAL

115

TASK: 081-831-1005

GENERAL

BASIC

TECHNICAL

place
plastic
pocket
point
possible
press
pressure
prevent
properly
qualified
rag
rassing
references
remove
results
requiring
rough
securing
securly
shown
shuts off
side
site
skin
slows doen
soldier
splinted
plit
stick
stopping
strip
supplying
surface
fails
tearing
thick
thigh
thumb
tie
tighten
touch
tourniquet
twist
under
until
unwinding
unwrapped
wrapped
wrapper

116

TASK: 081-831-1005

general

BASIC

TECHNICAL

folded
for
forehead
fracture
free
further
get
given
goes
grasp
handling
hands
head
heart
inches
injured
just
keep...from
leave
leg
lessons
level
lies
lifesaving
lift
libb
located
long
loop
loose
loosen
main
mark
material
measure
medical
minute4
missle
more than
near
once
other
pad
paper
pass
past
perform
personnel

MOS: 19D, E, F
TASK: 081-831-1006
TASK TITLE: SPLINT A FRACTURE

GENERAL

across
against
already
anyway
applied
apply
as well as
attempt
available
below
bent
between
bleeding
blood vessel
bone
break
building
burning
changing
circulation
collect
cover
cutting
elbow
enemy fire
etc.
extend past
given
individual
injured
items
jacket
joint
life
material
medical
moving
muscle
must
necessary
nerves
pain
part
performed
person
personnel
pocket
points

BASIC

arm pits
bandages
bind
board
casualty
celan dressing
closed
field expedient splint
fractured part
grasp
IAW
immobilized
impaired
improvised
joint
leafy vegetation
lifesaving measure
medic
open fracture
overlying
padding
performance measure
personnel
poles
poncho
qualified
razor sharp edge
shelter half
sling
splint
splinted arm
"splint them where they lie"
square knot
sticking through
sticks
tissue
tree limb
unloaded rifle

TECHNICAL

118

TASK: 081-831-1007

GENERAL

BASIC

TECHNICAL

position
prevent
pull
qualified
reduce
reference
save
secure
several
should
skin
soldier
straighten
such as
support
tie
under
unnatural
who
without

119

MOS

Task Number: OS1-831-1007

Task Title: Give first-aid for burns

GENERAL

as soon as possible
attempt
available
blisters
cause
chemicals
clean
cloth
clothing
cover
do not
electricity
explosives
fire
in any way
large amounts of
lasers
nauseated
neck
pieces
pour
stomach
stuck to
sun
unconscious
unless
vomiting

BASIC

as described
burns
evacuate
first aid care
medical help
treatment
wounded

TECHNICAL

burn area
individual first aid
medications
ointments
sterile dressing

128

NOS 11C (CONT.)

GENERAL

extended
external
falling
feel
feet
felt
figure
finding
finger
first
faceful
forehead
foreign
forward
full
fully
gentile
has
head
heart
heartbeat
high
old
O • mediately
important
infants
inserting
interlace
kept
less
lies
lifting
likely
lips
listen
locate
locked
look
low
lungs
may
maximum
measure
measures
method
mouth
must
nearest
ok
needed
nose
nostril
note
objects
occur

121

MOS 11C (CONT.)

GENERAL

once
onto
on top of
opened
opposite
passage
per
perform
performance
permanent
phrase
placed
packet
press
pressure
probable
properly
providing
pushing
quick
rate
redereone
relieved
remove
removing
repeated
rescuer
restored
resumes
rising
roll
same
seal
seconds
sharp
shift
shoulder
should
side
signs
since
slide
slightly
small
soldier
squeezed
starting
still
stomach
stopped
strong
take over
takes
then
therefore
those

12

MOS: 19D
TASK: 081-831-1011
TASK TITLE: GIVE FIRST AID TO A NERVE AGENT CASUALTY

GENERAL

activated
appearance
artificial respiration
bend
breathing
collar
couple
cramps
device
difficulty
dizziness
drooling
drug
enters
equipment
excessive
exposed
eye pupil
firmly
first aid
functions
give
headache
hold
individual
injection
joking
labeled
massage
muscle
nausea
needle
nose
outer
pinpoint
pocket
press
recognize
required
saliva
secure
seek
set aside
sites
soldier
staggering
symptoms
thigh
twitching
worse

BASIC

activated injector
antidote injectors
casualty
combo pen
decontaminate
decontamination
mask carrier
nerve agent
safety cap

TECHNICAL

123

MOS: 19D

TASK: OS1-831-1012

TASK TITLE: GIVE FIRST AID TO A BLISTER-AGENT CASUALTY

GENERAL

able to
at the time of
attached
away from
clothing
colorless
cover
dark brown
eyelid
fingers
(to) form
have him pull
have to
if necessary
instant paint
keep eye open
loose
make sure
oily liquid
one-third
on-contact
pain
pure
run onto
should be
so (that)
tell

BASIC

administer self-aid
as described
bandages
canteens
casualty
clear
equipment
first-aid project
give first aid
helmet
inhibitional defense
protective clothing
protective gloves
protective hood
protective mask
put on
raise his mask
resent
secure
secure the dressing
to mask
unscrew the cap

TECHNICAL

blister-agent
blisters develop
break blister
chemical environment
contaminated
decontaminate
exposed
flush
hold it
inflamed
mustard
M13 decontamination kit
M285 decontamination kit
recognize presence
seek medical attention
sterile dressing
take a dry breath
tilt...head back
to the left
to the right
unaffected
upon exposure to

MOS: 19D

TASK: 081-831-1013

TASK TITLE: GIVE FIRST AID TO A BLOOD AGENT CASUALTY

GENERAL

antidote
appear
area
artificial
blood
box
check
clothing
color (n)
crush
defense
described
dizziness
equipment
exposure
fingernails
headache
help
include
individual
injured
intervals
irritated eyes
medical
mouth-to-mouth resuscitation
normally
nose
open
pink
poisoning
presence
present
purple
put
quickly
red
required
respiration
seal
sealed
skin
soldier
steps
symptoms
temple
total
weak
wearing

BASIC

armlift method
back-pressure
blood agent
mask
protective mask

TECHNICAL

ampules
amyl
area
carrier
eyelens
mask
nitrate
strap
temple

125

MOS: 19 F, E, D

TASK: 061-851-1014

TASK TITLE: APPLY MASK-TO-MOUTH RESUSCITATION TO A CHEMICAL-AGENT CASUALTY

GENERAL

all over
as long as
assist
as the result of
backward
begin
be sure
blanket
blow
breathe
breathe out
breathe regularly
built up
chest
chin up
completely
contact
continue
dirt
expand
false teeth
fits
fold back
forceful
harder
have him clear
higher
hold
hook
index finger
keep his jaw up
kneel
leak...in place
leak proof
lift up
light
lower
lungs
make sure
material
mouth
noisy
once every...seconds
on his own
pinch nose closed
place
position
press inward
pull....out and up

BASIC

air outlet valve
apply
breathing tube
casualty
check for
complete
contaminated area
contaminated surface
disconnect
exhales
exposed
heartbeat
inhales
insert
medically trained
neutral position
on his back
place
poncho
prepare
properly
pulse
raising
release
remove
resuscitation
start
stow...in carrier
unconscious
voice
wipe clean

TECHNICAL

chemical agent
flanged edge
indented portion
mask-to-mouth
M1 resuscitation tube
unflanged edge
valve needle

126

TASK: 081-831-1014

GENERAL

BASIC

TECHNICAL

quick
quickly
regularly
release
relieved
rises
seal
seal....in place
something similar
spring back
surface
take from
take off
take...out of
teeth
thumb
too exhausted
toward
turn
upper lip
upper push
watch
well under
without error
without help

MOS: 19 F, E, D

TASK: 081-831-1015

TASK TITLE: GIVE BACK-PRESSURE ARM-LIFT ARTIFICIAL RESUSCITATION TO A CHEMICAL AGENT CASUALTY

GENERAL

BASIC

TECHNICAL

above
agent
airways
almost
answers (v)
area
armpits
artificial
assistance
avoid (v)
back (n)
below
blood
breathing
call (v)
check (v)
chest
clear (v)
complete
contaminated
cycle-
debris
determine (v)
directly
dirt
downward
elbows
every
exhausted
extended (v)
face (n)
facial
fails (v)
fall (n)
false
feel (v)
fingers first aid
forward
grab
ground
hands
head
help
in accordance with

mask-to-mouth
poncho

TASK: 081-831-1015

GENERAL

BASIC

TECHNICAL

in order to
injury
insure
just
kneel
mask
material
medically
mouth
mucus
neck
needed
non-contaminated
not
O.K.
outward
personnel
poisoning
pressing
push
put
rate
release
relieved
removing
resear
respiration
resuscitation
rise
rock
seconds
shake
shoulder
shoulder blades
shout
side
soldier
steps
stomach
stop
straight
teeth
thumbs
touching
towards
trained
unconscious
until
upper
use
vomit
watch
wrapped

149

MOS: 19D

TASK: 113-571-1004

TASK TITLE: USE CORRECT RADIO PROCEDURE TO TRANSMIT OR RECEIVE A RADIO MESSAGE

GENERAL

a
another
as listed
as outlined
as stated as such
as written
assigned
below
by
cases
correct
designated
exact
however
identifying
in
intended
maybe
meanings
message
multiplies
normal
on
operating
oral
perscribed
pronunciation
requirement
sample
so that
special
specific
spoken
station
such as
the
their
there are
thousands
use
where
with
written

BASIC

TECHNICAL

CEOI
call sign
code group
coded message
digit by digit
RM Radio set
frequency
net
radio message
radio procedure
receive
receiving station
station
to receive
to transmit
transmission
transmit
transmitting station
Phonetic alphabet
Phonetic numerals
Prowords
-all after
-all before
-authenticate
-authentication is
-bread
-correction
-groups
-I authenticate
-I say again
-I spell
-message
-more to follow
-out over
-radio check
-Roger
-say again
-this time
-time
-wait
-wait out
-Wilco
-word after
-word before

MOS: 19D

TASK: 113-571-1005

TASK TITLE: SEND OR RECEIVE A RADIOTELEPHONE MESSAGE

GENERAL

advise
authenticate
copy
designate
determine
distant
establish
format
insure
level
location
message
obtain
perform
performance
performed
permission
precedence
prescribed
protective
provide
receive
references
referring
request
reply
reverse
send
supervisor
wearing

BASIC

chief
field
garrison
mask
team

TECHNICAL

acknowledgement
coil
communicate
contact
copy
directed
encoded
extract
free
frequency
key
message
net
operational
original
radiotelephone
receipt
repetitions
reply
sign
sign
station
station
time
transmit

MOS: 19D

TASK: 113-571-1008 7-1008

TASK TITLE: ESTABLISH, ENTER OR LEAVE A RADIO NET

GENERAL

abbreviated
appropriate
assistance
authenticate
determine
direction
extract
identify
in accordance with
individual
inform
means
normally
omitted
operate
permission
prepare
prior to
refer
render
report
request
response
supervision
unsuitable
wrong

BASIC

enter
establish
leave
measures
performance
standard
task

TECHNICAL

answering
call
characters
codes
frequency
net
radio
sequence
signs
stations
structure
suffixes
teletypewriter

MOS: 19D

TASK: 113-573-8001

TASK TITLE: USE AN AUTOMATED CROI

GENERAL

appropriate
assistance
available
column
cut in
departure
determine
granted
in accordance with
index
normally
organization
performed
period
prior to
procedures
provide
readily
referring
required
supervision
stated
utilizing
unit

BASIC

chief
field
garrison
measures
performance
standard
task
team

TECHNICAL

automated
call
characters
digit
element
entered
frequency
identifier
identifiers
item
index
markings
moniter
net
number
operate
operating
series
sign
suffix
traffic
unit
..

MOS: 19D

TASK: 572-4002

TASK: USE MAL-61K 3-7C 10001

GENERAL

appear in
assistance
authority
available
consist of
device
directly
find
immediately
included
located
necessary
performed
portions
position (v)
preclude
random
randomly
remaining
security
select
serious
set up
statement
substitute
succeeding
supervision
therefore

BASIC

chief
field
garrison
standard
task

TECHNICAL

arrangement
authenticate
cases
challenge
cipher
code
column
coordinates
cryptonet
decrypt
device
diagraphs
encrypt
grid
guide
indicator
item
letters
line
numerical
jprty
plaintext

reply
self-authentication
set
system
table
transmission
bariants
zone

NOS: 19 D
TASK: 113-600-1001
TASK TITLE: INSTALL TELEPHONE SET TA-312/PT

GENERAL

adjust
assistance
conduct
environment
in accordance with
install
installation
performed
pole
position
preinstalled
provide
remove
ringing
secure
select
set
submit
supervision
switchboard
transmission
verbal

BASIC

chief
NEC
nontactical
task
team

TECHNICAL

binding
cable
deicing
post
screen

MOS: 19D

TASK: 113-600-2001

TASK TITLE: OPERATE TELEPHONE SET TA-312/PT

GENERAL

appropriate
buzzer
incoming
initiate
insure
operate
position
position
provide
range
rapidly
release
replace
retaining
seated
set
switch
terminated

BASIC

cradle
handcrank
handset
headset
NBC
nontactical
tactical

TECHNICAL

MOS: 19D

TASK: 113-600-2006

TASK TITLE: PLACE A BANK EXTERNAL PHONE INTO OPERATION

GENERAL

adjust
box
depress
door
external
press
replace
storage

BASIC

crew
field environment
signal
tank

TECHNICAL

handset
intercommunication
microfilm
push-to-talk
RAD TRANS INT
transmit
volume control

MOS: 19D

TASK: .113-600-3001

TASK TITLE: PERFORM OPERATOR PREVENTIVE MAINTENANCE ON TELEPHONE SET TA-312/PT

GENERAL

assistance
available
avoid
case
cords
daily
environment
errors
flame
in accordance with
initially
inspect
maintenance
operator
panels
perform
press
prolonged
provide
re/installed
serviceability
sit
spills
ventilation
warning

BASIC

chief
nontactical
services
standby
tactical
task
team
thru

TECHNICAL

buzzer
control
cradle
deicing
faults
foreign
hardset
hook
latch
leakage
matter
NBC
post
retaining
screen
situation
springs
switch
volume

MOS: 19D

TASK: 113-622-2002

TASK TITLE: OPERATE RADIO SET CONTROL GROUP AN/GRA-39

GENERAL

according to
approximately
button
conduct
desired
distant
install
press
properly
provide
remote
stared into
succession
taken out of
weather conditions

BASIC

aligned
field
garrison
local
release
tank commander
task

TECHNICAL

BUZZER volume
CEOI
handout
local control unit
midrange
radio station
radio set
radio set control g
reception
RINGER
transmission
transmit
power switch

MOS: 19D
TASK: 113-622-1002
TASK TITLE: INSTALL RADIO SET CONTROL GROUP AN/GRA-39

GENERAL

ascending
binding
cracked
eraser
external
familiarization
internal
pencil
prevent
prevent
prior to
suffice
under tension
unsnap

BASIC

buzzer volume
component
field
garrison
installation
local unit
task

TECHNICAL

AUDIO channel
battery compartment
battery terminals
binding post
case
clamp
connector
D ring
field wire
front/rear clamps
group AN/GR
handset
lay wire
local control unit
radio set
radio set control
rear cover
reel DR-8
remote
ringer

MOS 1111

Task Number: 071-229-1002

Task Title: Determine the grid coordinates of a point on a military map using the military grid reference system

GENERAL

ability
about
accurately
add
address
along
angles
another
area
between
black
borders
bottom
called
certain
check
clear
corner
correct
crosswise
determine
device
digit
distances
dot
east
edge
estimate
estimating
example
exactly
extra
find
form
general
get
give
half
halfway
help
improve
inside
instead of
keep
know
know how
labeled
left
lefthand
letter
little

BASIC

alternate
boonies
bottom coordinate scale
combat
coordinate scales
coordinate
grid coordinates
grid reference system
grid coordinate scale
grid scale
grid
graphic training
grid reference box
horizontal grid
horizontal coordinate scale
imaginary
military
meter square identifier
map picture
MIL
margin
north-south gridline
protractor
plotted

TECHNICAL

GENERAL

line
locate
location
lost
map
make
measure
meters
minutes
more
name
neighborhood
number
outside
paper
pencil
picture
piece
place
plastic
point
preceded
pretend
read
represented by
right
righthand
running up and down
same
see
short
slide
small
smaller
somewhere
south
southwest
spot
square
standard
start
suppose
thin
training
untill
up
use
worry
write

Task Number: 071-323-1004

Task Title: Determining the elevation of a point on the ground using a map

GENERAL

above
accuracy
add
already
amount
around
as needed
at least
between
bottom of
brown
can
climb
close together
desired
detail
determine
difference
direction
distance
down
down hill
down
easy climb
elevation
estimate
exactly
feet
find
flat
following
for
from
gentle
ground
half
heavier than
height
higher
highest
hill
how
indicate
information
known
less than
like
lines
locate
lower
map
minutes

BASIC

ability
above sea level
assistance
bench marks
brown lines
contour interval
contour lines
coordinate
correct
cross (v)
depression (n)
designated point
detail
eight digit coordinate
elevation
failure
field
garrison
gentle slope
highest above sea level
identify
index contour line
interval
known elevation
locate
margin
marginal information
military
point of plotted
reference
relief
result
sea level
scale
slope
spot elevation
standard 1: 50,000 scale
supplementary

TECHNICAL

contour
cross (v)
determine
elevation
estimate
features
GA
grid coordinates
interval
marginal
measure
protractor
relief
sheet 4550 IV
sought
symbol
terrain
unit

GENERAL

multiply
must be
nearest
needed
paper
pencil
plotted
pointed
printed
reading
record
requirement
rest
same
show
side
solid
sought
spaced
steep
steps
standard
subtract from
suicide
tell
tested
the rest of
the same as
undermarked
use as
up
uphill
usually
valley
value of
which
widely
will be
within
your

MOS

Task Number: 071-329-1006

Task Title: Navigate using a map

GENERAL

a map
according to
all
arrival
as above
available
basic
both
careful
common
compass
confirm
correct
depicted
distant
draw
easier
examination
fence lines
find
found
ground
graphic
ground (n)
if
in
know
line
locations
maintains
maybe
more
move
nearest
objective
on
once

BASIC

aligning
black
blue
brown
color coding feature FM 21-26
green
linear features
map association
map orientation
navigate
oriented
plot
pride terminal
prominent
red
straight edge
topographic

TECHNICAL

14/5

MOS

Task Number: 071-329-1006

Task Title: Navigate from one position on the ground to another point

GENERAL

after
against
along
another
apart
appear
between
begin
blank
check
conditions
conduct
confirm
contain
designated
detailed
determine
distance
factor
features
finish
fixed
ground
hour
limiting
list
locate
location
make
making
map
meters
move
moving
place
planning
point
position
reaching
select
standard
start
such
types
under
varying
weather
where
while
within

BASIC

azimuth
compass
convert
coordinate scale
encountered
field location
grid azimuth
index line
magnetic azimuth
mental checklist
military
navigate
pace count
protractor
reconnaissance
route
scale
task
terrain
terrain analysis

TECHNICAL

MOS 13B

Task Number: 071-329-1007

sk Title: Map reading. Orient map to ground

GENERAL

accurately
actual
average
beware
certain
check
circle
count
course
cross country
daylight
determine
distance
end zone
figure
finish
foot
football field
ground
guide
hill
hours
Identify
kilometers
knot
known
landmark
left
length
level
line
locate
maintain
map
maximum
measure
meter
method
minute
move
multiply
night
number
obstacle
orient
pace
pebble
perform
point
pocket
position (n)
practice

BASIC

aiming point
black grid line
compass
field
grid line
pace factor conversion
table

TECHNICAL

coordinates - 6 - digit grid
environmental conditions
grid
ground
identifiable
infantry company
located
map scale military
meters
military grid reference system
navigation
operating
position
prominent
protractor
scale military map
simulated combat situation
supply clerk
supply point
6 - digit grid coordinates
terrain features

177

MOS 19D

Task Number: 071-329-1008

Task Title: Measure distance on a map

GENERAL

BASIC

TECHNICAL

ability (n)
add this value
allows (v)
already (adv).
always (adv)
another (pro)
apart (adj).
approximate (adj)
around (prep)
between (prep)
bottom
certain (adj)
chalkboard (n)
changes (pn)
chart (n)
come (v)
consensus
determine
different (adj)
direction (n)
distance (n)
drawn
earth (n)
edge (n)
equals (v)
falls within
far (adv)
final (adj)
find (v)
goes off
greater than
ground (n)
hits (v)
how far
in fact
identify (v)
inch (n)
just under
keep
least (adj super)
line
line up (verb comb)
locate
make (v)
map (n)
mark (n)
means
measure (pn)
meters (pn)
miles
minutes (pn)
near (adv)
new

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GENERAL

formally
number (n)
paper
pencil
picture
pièce
places
point
point, A, B
printed
problem
procedure
provide
put
read
received
reflect
repeat
requierd
read
ruler
shows
small
specified
standard
starting
straight edge
strip of paper
suppose
take
tick mark
top
total
trail
twice
under
untill
use
value
want
within
yards (measure)

NO. 190

Task Number: 001-333-1011

Task Title: Orient a map using a compass

GENERAL

ability
alternate
angle
apparent
block
compass
conditions
connect with
consisting of
continuous line
daylight conditions
degree
dial
directions
end
equal
falls beneath
formed by
forward
given
ground
horizontal position
left
limit
line up (v)
location
map
margin
match
minute
needle
open
parallel to
place (n)
pointing
position
quite apparent
reference
rotate
shown
suitable
test
time
to the ground
top of
toward
using
within

BASIC

TECHNICAL

aline
compass
declinated compass
in the field
MILS
north - south grid lines
orient
scale

158

190

Task Number: 011-319-1000

Task Title: Orient a map to the ground by map terrain association

GENERAL

both
common to
conditions
daylight
depressions
east
features
find
good
ground
hard to do
have got to
hilltops
important
locate
look at
many good ways
map
minute
north
point
position
ridges
some way
south
such as
thing
use
valleys
viewed from
ways
west
within

BASIC

alining
alining features
depression
field site
hilltop
linear features
map terrain association
military
military map
MILS
orient
orient (v)
ridges
saddles
scale
standard 1: 50,000 scale
valleys
within 30° in ten
minutes

TECHNICAL

align
aline
bar
bar scale
contour interval
curved line distance
distance-road ground
distant - ground; curved line;
road; straight line
garrison
graphic scale
grid square
ground distance
in the field
meters apart
pivot
plotted
points on a map
right up
road distance
road junction
scale
standard 1: 50,000 scale
supplementary contours
tick mark
trail
topographic map
zero

151

NCS 190

Task Number: 671-389-~~1023~~ ¹⁰¹⁵

Task Title: Determine an unknown point on a map by resection

GENERAL

another
black
complete
digits
draw
end
from
insure
intersection
line
location
map
measured
meters
minutes
nearest
needle
open
other
passes through
pin
place
read
record
reported
suspected
territory
to
using
within

BASIC

azimuth
declinated M2 compass
eastings
enemy
grid azimuth
grid location
grid reference
known location
known point
MILs
northing
plot
plotting equipment
protractor
resection
scale
sight
unknown point

TECHNICAL

K2

OS: 19D

ASK: 031-503-1001

ASK TITLE: PERFORM OPERATOR'S MAINTENANCE ON AN M17 SERIES PROTECTIVE MASK

<u>LINE</u>	<u>BASIC</u>	<u>TECHNICAL</u>
accessories	carrier	caps
aerosols	clinch	element
affect	hood	eyelens
air-dry	M17 series protective mask	face piece
authorized	mask	filter
bristles	panel	inlet valve
brush	panels	outserts
cap	tip	per
check	unit	unit
components		voicemeter
corrected		
discoloration		
distortion		
deficiencies		
deterioration		
clipped		
dirt		
dirty		
droplets		
em yed		
exhelon		
frayed		
free		
grip		
hardware		
harness		
holes		
inspect		
installed		
insure		
level		
liasion		
lint-free		
mildew		
missing		
p:		
properly		
rag		
reassemble		
remove		
reported		
require		
rinse		
rips		
rubber		
sand		
scratches		
sealability		

153

NOB::

TASK: 031-503-1001

GENERAL

BASIC

TECHNICAL

soapy
soiled
splits
stored
straps
superficial
supervisor
support
tears
torn
water
waterproof
wrung
vapors

154

MOS: 19D

TASK : 031-503-1003

TITLE: STORE PROTECTIVE MASK WITH HOOD IN CARRIER

GENERAL

allow
enclosed
finger
fold
hang over
hanging position
hold in place
left side
remaining
snap shut
the fold
upward

BASIC

carrier
folded hood
grasp opening
hood
insert
opening
protective mask
stored

TECHNICAL

eyelens
faceplate
facing up and out
head harness
hood strap
zipper

155

MOS: 19D
TASK: 031-503-1005
TASK TITLE: RECOGNIZE AND PROTECT SELF AGAINST A NUCLEAR HAZARD

GENERAL

all
back of neck
between
close...eyes
cover
culverts
deep
deep covered
debris
directly on the ground
ditches
drop down
excellent
exposed
extra
face down
f protection
fall
forms
forward
great amount
ground
have a choice
head
hills
immediately
imminent
inside
in the opposite direction
it takes
jumping into a ditch
notify
f es over
positions
presence
produces
quickly
recognize
recognized
skin
steps
subjected
sudden
taking two steps

BASIC

armored vehicle
best available
damage
detonation
entrances
equipment
falling to the ground
following the
foxholes
helmet on
inform
injury
marker
protecting yourself
remain down
serious injury
supervisor
sustain
weapons
warning

TECHNICAL

blast
blast wave
contamination marker
heat
initial effects
lights
mushroom shaped cloud
nuclear attack
nuclear burst
nuclear detonation
radiological
standard NATO

156

MOS
TA 051-503-1005

GENERAL

BASIC

TECHNICAL

these
to go
two
unexpected
until
unwarned
when
work
you can
your

NOS: 19D

TASK: 031-503-1006

TASK TITLE: GIVE VOCAL, VISUAL AND OR SOUND ALARMS FOR CHEMICAL OR BIOLOGICAL ATTACK

GENERAL

appropriate
both
clanging
conditions
correctly
cup
determine
doubled
enviornment
expected
extend
facing up
horizontal
individual
local
loud
metal
moves
position
produce
rapidly
side ways
strike
visual
vocal
yell

BASIC

alarm
attack
bayonet
biological
chemical
combat
equipment
exposed
field
fist
helmet
masked
message
signal

TECHNICAL

158

NOV 19D
TA 031-503-1007
TASA TITLE: DECONTAMINATE SELF

GENERAL

a piece of
across
allow
already
at first
attached
blot
blunt edge
bottom
break
carried on
close your eyes
dispose of
ear
each
entire
everything
f
far enough
from exposure to
gr
hard
liquid
lower portion
make
mask
marked
material
near
normally
nose
not already on
one
c.
passage through
permits
properly
puncture
pull away
punch a hold
quick
rim
shake hard
side
situation
ski
so that
soak up

BASIC

check
chin portion
clear
direct chemical attack
dispose of
extract
properly removed
protective clothing
protective mask carrier
put on
replace
seek cover

TECHNICAL

chemically contaminated area
contamination
decontamination kits
fuller's earth pad
M13, M250
NBC
skin pad
standard NBC protective equip.

MOS:
TASK: 031-505-1007

GENERAL

BASIC

TECHNICAL

spoon
stick
sticking
such as
take
take out
thick
the cover
the same way
touch
two
use
well mixed
wet
wipe
would result

MOS: 19D

TASK: 031-503-1008

TASK TITLE: DECONTAMINATE INDIVIDUAL EQUIPMENT

GENERAL

actual
area
bag
blotting
charcoal
chemical
contaminated
crushing
dusting
dye
equipment
exposed
extent
exterior
extract
simulated
slapping
spread
thoroughly
+ ring
indicate
inner
insulating
kn
lever
liner
neutralize
mix
noting
pad
present
protective
provided
remove
rubbing

BASIC

agent
attack
carrier
mask
overgarment

TECHNICAL

capsule
cutter
decontaminate
detector
earth
fullers
pad
reimpregnating

NOS: 19D

TASK: 031-503-1000

TASK TITLE: SATISFY PERSONAL NEEDS IN A CHEMICAL ENVIRONMENT

GENERAL

air
all the way
as necessary
as soon as
at angle
bathing
becoming
behind
beyond
capabilities
change clothes
close the eyes
clothing
come into contact with
conditions
connect
create
dislodged
dressed
eating
efforts
ensure
entering
equipped with
far enough
few
fill the mouth
flip open
grasp
have to
have
individual
items of clothing
length
near
off center
opened
other
other than
palm
partially removed
parts
perform the function
permit
personnel needs
pick up
place

BASIC

as required
- CANT IT
canteen
canteen cap
carrier
casualty
clothing
cover pocket
deal with
drinking coupling half
drinking mouthpiece
drinking system
dust
equipment
exposed threads
extract
face piece
full chemical protective clothing
and equipment
hose
inert
insert
let...hang free
lever
neck of the canteen
outlet valve assembly
plastic water canteen
pin in cap
pocket
positive pressure
protective cover
protective
provide access to
remove
resistance
return coupling
return lever
stow canteen
unit
vertical position

TECHNICAL

chemical environment
decontaminate
M13 decontaminating pad
M1741 protective mask
skin pad

182

NCS:
TASK: 031-503-1009

GENERAL

BASIC

TECHNICAL

problems
pull out
pull up
push into
reaches
repent
require
rest
satisfy
several
sahring
sleep
steady
such as
swallows
take a breath
t
tight
t^{ing} the head back
toward
turn
undergarments
un
up
without

NOS: 190

TASK: 031-503-1010

TASK TITLE: EXCHANGE FILTER ON AN M17 SERIES PROTECTIVE MASK

GENERAL

adjust
allows
any more
below
break down
conflict
corresponding hold
damage
exchange
exhaled
exists
fall into position
front
grasp
hold
insert
just enough
lie on top
measures
of in
outlined
outward
pull
push up
reserve
slip
stretch
work
work into plan

BASIC

adjust
aline
allow
a pair of
check pouches
chemical agent
clear the mask
curved edge
break down
correspondence
curved edge
damaged
distortion
exchange
exhaled
exposed
fall into position
immersed
flap button
function check
grasp
hold
IAW
inlet valves
insert
in the same manner
lenses
lies on top
like manner
long inner button
moist
nose cup
notify
obtain
other hand
out lines
outside control
replacement
pad
place under
pull
push up
pushing up
recheck
reverse
rubber
seal
short outer button
slight turning motion
slow
square corner
stretch
toxic
unbutton

TECHNICAL

button
chin stop
facepiece
hole
inlet valves
wearer
work collar
work into place

164

MOS: 19D

TASK: 081-503-1011

TASK TITLE: PERFORM OPERATOR'S MAINTENANCE ON AN M24, M25, or M25A1 PROTECTIVE MASK

GENERAL

air dry
almost
any
available
become
bristles
broken
brush
calls for
clear
clear
corrected
damage
dirty
either...or
em
frayed
free of
grit
holes
inside and out
keep attached
large
lint-free
medium
missing
notify
present
rags
repair
replacement
require
requiring
rinse
rinse water
rips
rubber parts
sand
sign of deterioration
size
small
soapy water
soiled

BASIC

accessories
authorized
carrier
check
components
consist of
deficiencies
face piece
filter canister
hardware
head harness
higher echelon support
inspect
issued
perform
remove
reported
serviceable
supervisor

TECHNICAL

aerosols
aircraft oxygen supply
agent vapors
antifogging compound
bailout bottle
connector
droplets
eyelens
fastening cloth
face form
frame
hose card
insulation jacket
lens opening
M1 canister coupling
M2 anti glare eyelens
M3 tank mark winterization kit
M8 aircraft CB marker
M24,25,25A1 protective mask
M6A1 fiberboard
medical prescription
microphone cable
neck card
nosecap valve disk
operator's maintenance
optical inserts
oxygen supply adaptor
slide fastener
stud
tab
tie cord
winterization eyelens outsert

165

GENERAL

BASIC

TECHNICAL

soft
splits
such
superficial dirt
support
tears
that
torn straps
work
while
wiping
wrung dry

166

MOS: 19D

T: 031-503-1012

TA TITLE: PUT ON AND WEAR AN M24, M25 OR M25A1 PROTECTIVE MASK

GENERAL

additional
adjust
alarm
check
collapsed
clear
containing
disconnect
don
duties
edges
escapes
fit
flat
flop
freezing
finess
leaks
lens
lip
matter
order
prefilled
pressure
properly
protective
recepticle
relieve
rotate
seal
sure
shoulder
slip
signal
size
snap
snug
surprise
temperatures
temple
thumbs
tight
uniform
united
valve
vehicle
warning
wearing
worn
zip

BASIC

action
combat
crewman
drawstrings
facepiece
headgear
helmet
helmet shell
hood
mask carrier
neck cord
operations
straps
vehicle

TECHNICAL

attack
boom
canister
coupling
eyelens
filter
inlet
microphone
NBC
unit

167

MOS: 19D

TASK: 031-503-1013

TASK TITLE: INSPECT FILTER CANISTER ON AN M24,25 or 25A1 PROTECTIVE MASK

GENERAL

any
being
breaks
breathing
clogged
correctly
cracks
dents
due to
dust
evidence
excessive
following
heavily rusted
immersed
use
missing
sent
over large areas
serviceable
serviceability
unserviceable
water
¼ inch deep

BASIC

canister
corrosion
damage
defects
determine
inspect
nozzle
organizational maintenance
putting
replacement
resistance
rust
seams
turn in

TECHNICAL

filter canister
inlet
lot number
M24,25,25A1
protective mask
valve disk

168

POS: 190

TASK: 032-503-1014

TASK TITLE: IDENTIFY A CHEMICAL AGENT USING ABC-M8 DETECTOR PAPER

GENERAL

allow
contact
continue
detect
determine
field
findings
found
identify
inform
initial form
measure
necessarily
normally
note
physically
presence
safe
soldier
substance
suitable
sufficient
supervision
tear out
try to match
using
weight
width
wrapping

BASIC

chemical agent
color chart
color reaction
contact
environment
garrison
indicator
NBC NCO
performance measures
suspected agent
trainer

TECHNICAL

ABC-M8 detector paper
battalion level
blister
individual combat equipment
inside cover
masked
nerve
protective mask carrier
unknown liquid stimulant
unmask

169

MOS: 190

TASK: 031-503-1015

TASK TITLE: PUT ON AND WEAR PROTECTIVE CLOTHING

GENERAL

at least
belt
belt loops
button
buttonhole
clothing
cover
dressing
eg
either...or
exposed
fit over
gloves
hours
inside
worn
ave
v
e
on clothes
pair
properly
pull over
remove
right v/s left
same
shirt tail
skin
snugly
socks
top
upper portion

BASIC

attach...through
blouse over boots
boots
boot socks
fastened
fastener
in field
in bloused over
issued
lace
perform
performing...duties
primary duties
protective clothing
pull the cuff
replace
tie firmly
trouser cuffs
tuck
unassisted
zip legs
zip up

TECHNICAL

chemical
chemical protective equipment
closures
gas flap button
impregnated socks
knitted cuffs
left
outer trouser
overgarment shirt
protective gloves
protective liner essemble
protective overboots
protective socks
shirt liner
sock donning
trouser liner

170

NOV 196

Task Number: 001-503-1902

Task Title: PUT ON AND WEAR A PROTECTIVE MASK

GENERAL

additional
any
at least
backward
below
blow
both
breathing
breathe out
bulges
chin
completed
containing
continue mission
continuing
cup
edges
extent
face
fullest
give the alarm
grasp
hand
heel of hand
hold—breath
inside
just
lightly
making sure
motion
open
other
over
palms
place
present
pressing out
properly
pulled over
put on
remove
replaced
seconds
shoulders
sliding
smooth
so that
sound
stay
straight
suck in
surprise

BASIC

alarm
dudies
helmet
muzzle
ordered
performing
rifle
warning

TECHNICAL

action
biological
carrier
checked
chemical
cleared
combat vehicle crewman
CVC
drawstrings
exposed
eyepiece
faceplate
headgear
hood
mask
NBC
operations
prefitted
protective
secure
straps
zipper

171

WOS

GENERAL

that way
thumbs
toward
unknown
upward
visual
vocal
wear
within
without
zip

172

MOS: 19D

TASK: 031-503-1905

TITLE: PREPARE A VEHICLE FOR NUCLEAR ATTACK

GENERAL

all
avoid
behind
best available
could be
damaged
described below
etc.
eyes
expected
information
loose
protect
shock
 e front of
which

BASIC

antennas
combustable
complete
cover
duffle bags
equipment
equipment damage
exterior components
given
helmet
point the gun away
postion
remove
secure
store
take down
vehicle
water cans
wear

TECHNICAL

ballistic shields
blast
brace for
close and lock
crew injury
hatches
lock the brakes
oriented toward
track vehicle

173

MOS:

19D

TASK: 031-503-2002

TASK TITLE: DECONTAMINATE EQUIPMENT USING ABC-M11 DECONTAMINATION APPARATUS

GENERAL

care should be taken
clothing
conditions
corrosive
dried out
fabric
filled with
finished
hear
highly
last
left hand
not be
object
right hand
seconds
should be filled with
thoroughly
water
when

BASIC

avoid
directed to
equipemnt
gloves
grasp
hold
indicates
mark
personnel
print
prevent rusting
refilling
remove
replace
rusting
training
unit
warning
wearing

TECHNICAL

apparatus
assembly
body
captive
compressed gas
contaminated
charged
charging handle
decontaminate
decontamination
depress
depress the handle
DS 2
flow
handle locking pin
has entered
having sprayed
hissing noises
interrupt
lift up on
locking pin
lower
NBC environment
nitrogen cylinder
nozzle
persistent chemical agent
prefilled
spray
thumb lever

174

MO. 197

031-503-2901

TITLE: MEASURE RADIATION USING AN IM-9E/PD, IM-93/UD, or IM 147/PD RADIAC INSTRUMENT

GENERAL

amount
area
check
clip
convenient
determine
horizontal
object
operations
period
rotate
selected
subtracting

BASIC

light source
linear
manual
suspected

TECHNICAL

calibrated scale
charged dosimeter
dosage
dosimeter
eyepiece lens
IM 9E/PD
IM 93/UD
IM 93A/UD
IM 147/PD
milliroentgens
NBC environment
radiation
radiation exposure
radiometer
roentgens
shadow

175

MOS: 19D

TASK: 031-503-3004

TASK TITLE: PROTECT SELF WHILE CROSSING A CONTAMINATED AREA

GENERAL

area
available
buildings
clothing
crossing
debris
established
fastened
make sure
puddles
requires
safely
shrubbery
 ir up
surface
 l grass
 and
woods

BASIC

agents
avoid contact
closures
commander
continuously
equipment
high ground
level
mission
operational aspects
permit
protective
radiological defense
routes
sandbags
shielding
standard
super user
vehicle

TECHNICAL

ABC-M8 detector paper
agent alarm
automatic chemical alarm
buttoned-up mode
contaminate
contamination
decontaminates
detection equipment
dosimeter
guidance
IM-174
mission-oriented protective
 posture
NBC defense
operational exposure guidance
radiometer
reading

176

NOS: 19D

TASK: 071-326-0513

TASK TITLE: SELECT TEMPORARY BATTLEFIELD POSITIONS

GENERAL

area
available
darkness
daylight
gain
initial
movement
provides
receiving
select
temporary
vegetation

BASIC

aim
background
battlefield
combat skills
concealment
cover
direct fire
directions
enemy
fire
halt
leader
observation
occupy
patrolling
priority
prone
reposition
silhouette
soldier
target
take advantage
team coverage

TECHNICAL

camouflage
defensive position
fields of fire
firing position
observation post
overwatch

MOS: 19D

TASK: 051-191-1361

TASK TITLE: COUNTERLACHRONICAL SELF AND INDIVIDUAL EQUIPMENT

GENERAL

accessories
add
altered
appear to be
appropriate
applying
areas
as follows
blend
cause
check
cheekbone
chin
closely resemble
complete
curved shape
dark color
daylight
during
easily identified
eyes
forehead
given
light color
little imagination
mattress
mixture
nose
part of background
several ways
shade
shadow
sheet
shiny area
snow covered
within
worn
wrapping

BASIC

attract enemy attention
background
break up
burlap
camouflage
charcoal
cloth
conceal self
dyed
equipment
exposed
guide
improvised cover
individual
irregular
issued
interference
live vegetation
mud
natural oil
outlines
paint stick
pattern
predominant
reflect light
sandbag
skin
snowsuit
strained
striking feature
strips
uniform
weapon

TECHNICAL

buddy system
burnt cloth
crankcase oil
desert dry area
disruptive paint pattern
expedient bands
firing
garnishing
helmet
insertion
LBE
load bearing equipment
loam light green
mud and grease
old inner tube
residue
rubber bands
sand light green
sighted
slits
snow covered green
strained
terrain
vegetated region

178

MGS: 13D
TASK: 051-191-1362
TASK TITLE: CAMOUFLAGE/CONCEAL EQUIPMENT

GENERAL

a
alter
and
any
appropriate
area
background
color
conceal
cover
daylight
during
equipment
follow
foliage
given
grass
hours
in
irregular
item
location
manmade
materials
military
mud
minutes
natural
of outlines
paint
pattern
predominant
remaining
shiny
shape
size
snow
so
surface
terrain
these
to blend
use
with
within

BASIC

basic
comouflage
conceal
equipment
field
field location
manmade
natural comouflage materials
net
predominant terrain background pattern
to blend

TECHNICAL

179

GENERAL

additional
already
approximately
area
before & after
blend with terrain
break up outline
built
camouflage
carry
circle (v)
conceal
conceal dirt
completed position
constantly
construction
cuts
detect
dig
disturb
driver
during daylight
either
expose light from the rear
good chance of growing
holes
hours of darkness
if possible
in such a manner
insuring
insure
look natural
low bushes

MARK

approachable
blend
bulky
camouflage
conceal
effective position
lying foliage
expose
field
found near your position
flesh
from far to the rear
of position
handgrenade range
insure
litter
limited visibility
meters
parapet
poncho
root structure intact
soil
surrounding terrain
tactical situation
vegetation
visible trail

GENERAL

blend with terrain
conceal
cover from
disposed fire
driving foliage
effect
field
hand grenade range
keep watching
of lines
parapet
poncho
proposed parapet location
some activity
surrounding terrain
tactical situation

ff 0

MOS: 19D
TASK NUMBER: 071-315-2302
TASK Conduct Surveillance Using an AN/PVS-Z

GENERAL

BASIC MILITARY

TECHNICAL

above
addition to
aid
area
below
beyond
campfire
clockwise
common smell
conduct
counterclockwise
daylight
deep
deoderant
differentiate
dirt
either
etc.
eyes
failure to
followed by
frequent
front
gasoline
hard to
identify
in
insure
just
leave
letter
lift
locate
match
meter
movement
moving
nature of
night
observe
position
present
preserving
prior to
quick
raising eyes
recommend
repeat
right
short

181

MOS: 19D

TASK NUMBER: 171-091-1015

TASK NAME: *Intermittent*

GENERAL

according to
check
consecutive views
contents
detect
ensure
firmly
flat
insert
make sure
overhead
placed
prevent

BASIC

assigned sector
basic issue item
field environment
range
sector of responsibility
single seat
target
the face
threat

TECHNICAL

A4 SKYHAWK
A7 CORSAIR II
ALOUETTE III
A-A1 HUEY COBRA
ambient light level
AN/TUS-4 right besion sight
anti-tank guided missile
armed reconnaissance command
helicopter
AV-8 USTOL
battery cap
battery positive
boresight cover
carrying case
F-104 STARFIGHTER
F-4
F-5
GAZEILE
goar kits
heavily armed attack
helicopter
JAGUAR
legs of a tripod
light leak
light observation
MI 4
MI 6
MI 8
MI 24
MIG 21
MIG 24
mounting bracket
mourt the sights
OH-58 KIOWA
pressure equilizer
rotary control group
rubber eyeshield
scope
sight
sight housing
SU-7
SU-17/20
SU-19
survelliance
swing wing
tactical fighter aircraft
the sight (for survelliance)
warning

182

JS: 19D

TASK: CONDUCT SURVEILLANCE USING AN AN/TVS-4 NIGHT BISION SIGHT

TASK NUMBER: 171-283-1023

GENERAL

according to
check
contents
detect
ensure
flat
insert
latches
make sure
placed
prevent
surface
ur.screw

BASIC

assigned sector
basic issure item
field environment
operational
range
target
the face (surface)

TECHNICAL

AN/TVS-4 night vision sight
ambient light level
battery cap
battery positive
boresight cover
carrying case
legs of tripod
mcunt the sight
mounting bracket
pressure equilizer
rotary control group
rubber eyeshield
scope
sight (v)
sight housing
warning plate

183

MOS: 19D
TASK NUMBER: 171-121-1008
TASK NAME: *171-121-1008*

GENERAL

abrupt
acquisition
after shave lotion
aid
apt
capability
concentrat
continously
daylight
detailed
night
spot
suspicious
technique
tobacco

BASIC

camouflage
detect
engage
fender to fender
odors
open areas
platoon
range
rolling terrain
search
supervision
surrounding
tank gunnery
vehicle commander
when not masked by:
terrain, fires, odors

TECHNICAL

aircraft signatures
antitank employment
antitank signatures
artillery signatures
astrip
blacksmoke from
out burst
bright orange flask
buttoned up
canopies and rotor blades
cupping
dim reticle
dismounter gunner
disturbed dirt in a regular patte
dustclouds fuel smoke
regular pattern
eyepiece
50 meter method
foxholes
glare of the sun from
aircraft
impact of the round
launcher
loud sharp report
missile launch
movement of foliage
from hovering helicopters
naked eye
obstacle and mine signatures
of anti-tank guns
off center vision
optics
overlapping
ridges/forrest
scan
sector
soldier signatures
stray light
swishing sound
target
target signatures
tell-tale
thin wires
tracers of slow flying ATGM
track vehicle signatures
torn out vegetation
trash

184

DATE: 1951

REF: GPO-411-2727

BACK TITLES: UNITED STATES GOVERNMENT PRINTING OFFICE: 1951 O-411-2727

GENERAL

abrasive
allow
aluminum
amount
apply
arctic
area
assemble
assembly
authorized
available
badly
barely
behind
bent
body
boom
broken
busted
carbon
care
case
caution
check
chip
clean
cleaning
close
cloth
coat
coldest
component
condition
conduct
consecutive
contain
cool
corroded
corrosion
crack
damage
day
defective
dented
depend on
deposit
depress

MISC

action
ammunition
amorer
assembly
ball
barrel
barrel extension
base
base catch
bipod
blank
bolt
bolt carrier
bolt ring
bore
bore brush
bullet
buffer
cam pin
carrier
carrier key
cartridge
cartridge rim
catch
catch button
chamber
charging handle
clear
cocked
combat
company supply
crud
drain hole
dummy
extractor
extractor pin
eyeball
firing
firing pin
flash suppressor
follower
gas tube
gig
group
hammer
handguard
lock
locking lug

TERMINOLOGY

185

GENERAL

depress
direction
dirt
dirty
disassemble
disassembly
down
drop
dry
edge
end
engage
engagement
enough
especially
equipment
excessive
expendable
exposed
extend
extreme
eye
fall
fallout
film
fis
finger
foreign matter
forward
fracture
function
further
gas
generous
generously
give
guide
halt
ahnd
heat
heavy
hold
hole
inner
insert
inside
inspect
insure
instructions

BRIC

lower receiver extension
lug
magazine
magazine catch
magazine well
pipe cleaner
piston ring
pivot pin
powder foaling
receiver
retainer
retaining pin
rifle
rifle bore cleaner
rifle bore cleaning compound
ring gap
round
safe
sarge
selector
semi
sights
sling
slip ring
small arms
stock
take down pin
tracer
trigger
trigger mechanism
tube
upper receiver
vent hole
weapon
wire brush

TECHNICAL

156

GENERAL

PARTS

TECHNICAL

internal
item
interchange
juggle
join
large
life
lift
lip
lock
lube
loose
lubricate
lubrication
maintenance
manufactured
materials
measures
millimeter
missing
oil
only
open
operator
out
outer
outside
part
perform
performance
pit
pivot
place
point
portion
position
positioned
press
protruding
pry
pull
put
rear
rearward
recess
red
release
reliable
remember

187

GENERAL

adjust
remove
replace
return
reverse
rust
sarge
scat
see
semi
separate
sides
silicone
sights
slide
specifications
split
spread
spring
stagger
stock
stop
surface
switch
tab
thoroughly
through
tip
tip
try
try
under
unlocked
upper
use
violet
visible
warning
wipe
worn

188

MOS: 19B

TASK: 071-311-2003

TASK TITLE: LOAD, REDUCE A STOPPAGE AND CLEAR AN M16A1 RIFLE

GENERAL

accomplish
all the way
apply
clear
check
contact with
depress
eliminate
engages
fails to
feel less
get hurt
given
holds
however
immediate
in safe direction
insure
load
make sure
minutes
near
only applicable
open
performance
performing
place
place..on
place
point(v)
pointing
pull
push upward
real
reduce
release
safe direction
seconds
simulated
task
trouble
turn...in
upward
use immediate action
warning
within

BASIC

a round
actual combat
ammunition
assembled
bolt
bolt assembly closed
bolt assembly open
bolt catch
case/cartridge
cease
cleaning
chamber
charging handle
cock off
during training
ejection of
eyeball (v)
feed
fire
forward assist
fully forward and locked
fully rearward
hammer
hot barrel
hot chamber
in accordance with
in garrison
in the field
jammed cartridge
lever
live blank
live firing requirements
load
loaded
lodged
magazine
magazine catch
muzzle
M16 rifle
new round
observe
obstruction
on safe
operational H16
performance measure
pop

189

MOB: 19D

TASK: 071-311-2004

TASK TITLE: BATTLESIGHT ZERO AN M16A1 RIFLE

GENERAL

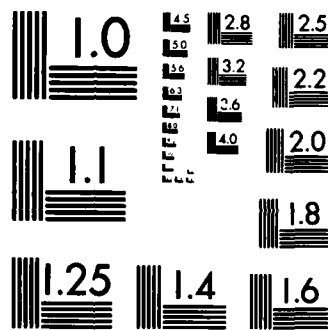
acceptable
against shoulder
aiming
any manner
appears to
arrow marked up
as indicated
below
center
centered on
circle
concerned with
consist of
corrected
daylight
desired direction
detected
drawn through
exactly
front
given
hit
imaginary horizontal line
imaginary vertical line
in the chart
included
insures
move to left
move to right
normal conditions
obtained
permits
place, at(v)
rear
reverse
rotate
rotating
series of
split (v)
support
target
top center
touch-fall within
turn clockwise
turn counterclockwise

BASIC

adjustable
ammunition
analysis card
aperture
base of white cutaway
basic elements
battlesight zero
bisect
black rectangle

TECHNICAL

198



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

MOS: 19D
TASK: 071-311-2007
TASK TITLE: QUALIFY WITH THE M16A1 RIFLE

GENERAL

achieve
administration
against
appendix
attain
authorized
awarded
banging
burn
can
cause
certification
check
component
condition
contact
could
counts
course
credit
damage
dangerous
daylight
described
difference
direction
distance
during
each
either
equipped
evaluation
exchange
experienced
explode
exposure
fast
follows
for
free
ground
harm
hits
hot
however
inch
included

BASIC

ammunition
arms qualification
barrel
bolt
bolt assembly
bolt group
bore
bullet
butt stock
caliber
cam pin
cartridge case
chamber
clear
cook-off
direct support maintenance
engage
expert
fire
fired
firing
firing range
firing table
go
live round
low light level sight system
magazine
marksman
muzzle
no go
non observed
powder grain
practice firing
promethium
propellant
qualification
qualify
range
receiver
recoil
record fire
record score card
record range
retract
rifle
round
sharpshooter

TECHNICAL

191

TASK: 071-311-2007

GENERAL

incomplete
indicate
installed
keep clear
known
lodged
manufactured
millimeter
minimum
minute
neither
night
noticeable
only
outlined
performance
pointing
points
portion
possible
possibly
procedure
rating
record
remove
requirement
resuming
safe
score
second
situation
slowly
sound
still
stop
training
total
try
turn in
unburned
unloc.
use
wait
warning
water

BASIC

sights
qualification
qualify
range
receiver
recoil
record fire
record score card
record range
retract
rifle
round
sharpshooter
sights
skill qualification test
specs
target
unqualified
weapon
zeroed

TECHNICAL

192

MOS: 19D

TASK: 071-311-2303

TASK DISMOUNT/MOUNT AN AN/PVS-2 ON AN M16A1

GENERAL

all the way forward
come to stay
firmly
flat against
forward action
given
located
cocked in place
operating
pull away
rearward
slide
tighten
the top
toward

BASIC

return
to remove
within

TECHNICAL

adapter assembly
artificial light
bracket
boresight mount assembly
daylight source
dismount
dismounting
guide rail
handle
locking knobs
M16A adapter bracket
mount
mounting
mounting ear
must be mounted
must be secured
pins
pin stop
position (v)
positioned against
rotate
rubber eyeshield
screw
shipping container
sight and mounting
tab
thread stop
unthread
weapon adapter
wingnut
Figure 3
adjustment knob
azimuth
diopter scale
elevation
eye piece
objective focus ring
power switch
lens cap

193

MOS: 19D

TASK: 071-311-2304

TASK ZERO AN AN/PVS-2 WHEN MOUNTED ON AN M16A1 RIFLE

GENERAL

adjust
around the eye
between
center
correct
darkness
daylight
during
each time
fit (v)
given
obtain
relationship
set
sharp (clear)
take (assume)

BASIC

repeat
sandbags

TECHNICAL

a round fired
adjustmentknobs
aiming reference line
ammunition
AN/PVS-2
center of the shot gro
check the target
click
diopter
elevation knobs
firing point
focusing ring
handhold
individual weapons
M16A1 rifle
M3 bipod
mass of the target
magazine
point of aim
position
power swithh
prone bipod suppor
range focus ring
rounds of ammo
rubber eyeshield
sharp image
sight reticle
sight through
starlight
strike of the bullet
target
zero
zero firing range
zero an M16A1 rifle .

196

OS: 19D

TASK: ENGAGE A TARGET WITH A RIFLE USING AN AN/PVS-2

TASK NUMBER: 071-311-2305

GENERAL

ammunition of a timer
around
correct
darkness
hours
none
one each
other than
the eyes
turn on
utilizing

BASIC

rifle

TECHNICAL

AN/PVS-2
aiming reference line
E-type silhouettes
engage a target
fire (v)
fire the weapon
hit the targets
marksmanship
M1611 rifle
magazines
M1611 rifle range
meters
mounting and zeroed
procedure
position
rubber eyeshield
18 rounds of ammunition
scope
sight reticle
sight through

MOS: 19D

TASK: 071-311-2102

TASK TITLE: PERFORM OPERATOR'S MAINTENANCE ON AN M203 GRENADE LAUNCHER AND AMMUNITION

GENERAL

acid
appropriate
caution
contain
corrosion
crud
dirt
denote
dented
elsewhere
exterior
extract
Fahrenheit
foreign matter
grease
grime
heavy coat of oil
in accordance with
insurance
in so far
inspect
lubricate
malfunction
metal surface
merely
moisten
oil (n)(v)
period of time
preventives
portion
protection
receiver
raised
rag
reverse
spread
surfaces
task
temperatures
temporary
turn in
unserviceable
unspecified
warning
whichever

BASIC

ammo
ammunition
assembled weapons
barrier (v)
cock (v)
disassembly
high explosive
live rounds
loaded
danger radius
practice rounds
trigger
rifle
star cluster
star parachute
signal and spotting round

TECHNICAL

ammo
ammo pyrotechnic
armorers
artic weather
ammunition point
aluminum cases
barrel
barrel latch
barrel stop
bore
bore brush
breech end
breech insert
burn time
cycle weapon
dry cleaning solvent
elevation adjustment screw
field strips
firing pin hole
functions check fuze
grenade launcher
HE grenades
hand guard
inside handguard
knurled screw
leaf sight
leaf sight windage
LSA lubricant
lubricating oil
lubed
M1L-L-141078
military lubricant
muzzle end
M16A1 rifle
magazines
mechanical type gauge
patch and bore cleaner
preventive maintenance
quadrant sight
semi-fluid automatic
serial number
slip ring
scars
thong
working parts

196

MOS: 19D

TASK: 071-313-21-2

TASK TITLE: LOAD, UNLOAD, AND CLEAR THE M203 GRENADE

GENERAL

cleaning
click
eject
extract
in accordance with
load
prior
rearward
rod
tapping
undented
unload

BASIC

ammo
barrel
breech
chamber
cartridge
case
down range
latch
muzzle
oil
rifle

TECHNICAL

casing
grenade
high explosive
launcher

NOS: 19D
TASK: 071-311-2103
TASK NAME: ZLRC AN M203 GRENADE LAUNCHER

GENERAL

align
assembled
back off
center mark
clockwise
conjunction
consecutive
counter clockwise
denote
depressing
elevation
emphasize
enable
fold out
functioning
individual
land (v)
landed (hit the target)
loosen
obtain
opportunity
position
procedures
slide in
supported
upright
vertical
200-meter increment

BASIC

barrel
cartridges
elevation adjustment screw
fire a round
firing range
front sight post
gunner
index line
mounted on
notch (on a device)
observe the impact
point of aim
prone position
retainer (on a device)
rounds
sight adjustments
target
trajectory
warning
windage scale
50-meter increments
(HE)(TP) ammunition

TECHNICAL

confirming round
folding sight leaf
leaf sight
leaf sight blades
leaf sight zeroing
M203 grenade launcher
M16A1 rifle
near sight aperature
quadrant sight
range selection
sight aperature
sight arm
sight base
sight latch
strike of a projectile
strike of the round
unzeroed
windage adjust screw
windage sight
setting
zero in
zeroing

198

MOS 19D

TASK NUMBER: 071-318-2201

TASK: Prepare a M72A2 LAW for firing; restore a M72A2 LAW to the carrying configuration

GENERAL

align	indicate	subsequent
alternate	intact	supplementary
appropriate		symbol
assign	known saint	
assists		tip
available	label	tube
	level	
bar	located	verify
bent		
blocked off	man-made	windmill
	marginal data	woodline
	motion	
collapse	natural	
compression	nearby	
conduct	normally	
coordination		
corresponding	occurred	
cracked	orchard	
crushed	orientation	
	oriented	
darkness		
daylight		
dented		
determine		
discard.		
dispose of		
draws		
enclosed		
estimated		
exert		
extend		
fail(ure)		
fence		
fingertips		
grasp		
hills		
hinge		
hold in place		
illustrate		
imaginary		
immediate		
in accordance with		

199

TASK NUMBER: 071-318-2201

BASIC MILITARY

aim
arming

battlefield
boundaries

camouflage
combat
combat equipment
commanders
compass azimuth

deadspace
defensial sector
detection

enemy
enemy armor
enemy avenues of approach
engage
engagement

field clothing
field environment
field location
fire damaged
firing position
flank
frontal
front sight
front sight lips

gunner

hits

keep on target

lip edge

maximum distance
mines
misfire
mortars
moving target phase

oblique

paced off
poses a threat
priority
prominent terrain features

rear sight
reference point
replacement personnel
replacement unit
resqueeze
rocket
round

safe
safety NCO
sector of fire
sighting
sights in down position
stationary target phase
suitable

target
target engagement
target mass
target reference point
terrain
terrain features

unit designation

warn
web strap

200

TASK NUMBER: 071-31E-2201

TECHNICAL

anti-armor weapon
arm
arming handle

backblast area

carrying configuration
weapon
collapse launcher
cover closing lug
cover pull in
curving studio line

data plate
depress detent
detent boot

engagement line
expanded LAW

flip-up leaf
flip-up pupsight

hook snap

launcher
LAW (light anti-tank weapon)
lead-cross
lock in position

magnetic north arrow
malfunction
M72A₄ LAW
M73 ROCKET

primer housing door
primer housing lockpin

range card
range/sector card
rear sight cover
rear sight housing
round lock

safety handle
sling assembly

trigger bar
trigger safety handle

verticle range linge
visual prefiring safety inspection

201

NCS 13B

Task Number: 071-318-2242

Task: Engage targets with an M72A2 LAW

GENERAL ENGLISH

BASIC MILITARY

accurate
aided
apply
available

bar

center
clear
close
combination
consist of
correspond to
curved

daylight
determine
device
distant
down
downward
drawing
during

each
easily
edge
erect
estimate
eye

fast
feature
fingertips
first
front

hit
hour

imaginary
indexed

kilometer
know

less
locate
located

measure
meter
mile
moving

object
only

per hour
place
plastic
print
possible
present
presented
pressure
purpose

rear
recognized
rough

same
series
serve
show
slow
smooth
squeeze
speed
stake
stationary
steady
step
straight
suitable

terrain
through
top

unique
usable
use

view
vertical

when

aim
aline

defensive sector

engage
engagement
estimation

fire
fired
firer
firing range
flank
flip-up
flip-up peepsight
frontal

gunner

increment

launcher
lead cross
leaf
light anti-tank weapon

mass
moving target phase

oblique

paced off
peep

range
range line
range mark
range/sector card
reference point
rocket
round

sight
stadia line
stationary target phase
subcaliber

target
trigger

visual

202

100-100

TASK: Apply immediate action to correct a malfunction on an M16A2.

TASK: Apply immediate action to correct a malfunction on an M16A2.

GENERAL

PASCO VULTIAPY

about
accordance
action
against
another
apply
area
attempt

opening

place
position
precaution
push

aim
arm
arming handle

bent

range
rear
re-extend
remove
replace
resqueeze
result
return

backblast
battlefield

check
clear
collapse
completed
correct

safety
second
shoulder
shout
subsequent
STILL

combat

detent

enemy
engage

darkness
daylight
dented
depress
device
directed by
discard
dispose
door
during

time
then
trained on
training
try

field location
fire
firing mechanism
housing

launcher
light antitank weapon
lock pin

examine

use

misfire

noncommissioned officer

factor
fail
failure
front
function

wait
while

pose
primer
primer cap

rocket
round

hand

safe
standing operating procedure
subcaliber

immediate
immediately
inch
instruction
insure
intact
INSTRUCTION
keep

target
threat
trigger
trigger bar
trigger safety handle
tube

leave

unit

weapon

malfunction
minute

only

NOS 19DE

TASK NUMBER: 071-512-2313

TASK TITLE:

GENERAL

acquire
adjust
clear weather
component
conduct
consists of
darkness
depress (v)
dress
ease
ejected
explanation
exposed
firmly
grasp
in accordance with
interchangeable
insert
interruption
investigate
located
major
obtain
operating
outlined
palm of hand
patches
perform
pivot
prevent
rear end
reduce
reduction
reflected
relax the grip
require
rotate
simulated
simultaneously
slide
stoppage
swab out
vertical plunger
visible

BASIC

assembled
belt (ammunition)
bipod assembly
bipod/tripod
boltface
bolt forward
chamber
cleaning compound solvent
cleaning kit
cleaning rod
cleaning solvent
cleared
clearing
cocking handle
detached
disassemble
disengage
down range
driver spring guide
engage target
faulty action
fired
firing range
flash suppressor
focus
forward position
front notch
function check
gas system
holding notch
immediate remedial
action
inspect
inspection
latch
latchhole
linear targets
live ammunition
livid plunger
lubrication
machine gunner
marksmanship
open-bolt position
operating rod
patch
performance measures
pistol grip
powder fouling
rear position
reassemble
receiver
recess

TECHNICAL

aiming
azimuth adjustments knobs
battery cap
belt links
bore sight mount assembly
cycle of functioning
decopter scale focus
elevation adjustment knob
eye shield
feed tray groove
focus ring
function cycle
lens captor
light leakage
linker 7.62 mm M60 machinegun
M60 machinegun
M60D machinegun
objective lens focus
oscillator cap
power switch
range focus ring
reference points
rounds of link ammunition
rubber eyeshield
sharp image
tripod
unit armorer

204

TASK: 071-010-0310

GENERAL

BASIC

TECHNICAL

· reduction of a stoppage
riding the choking handle
rifle bore cleaner
rounds
rubber coated parts
safety switch lever
sear retaining pin
sight
surveillance
the safety
unloaded
weapon

205

GENERAL

abrasive
accuracy
air tight
allow
cleaning
click
climate
components
conduct
consulting
containers
damp
dented
dirt
duplicate
enable
excessive
exposed
grasp
inspection
interchangeable
inverted
issued
kit
lightly
lubricant
lubrication
maintenance
major
mud
nomenclature
object
operators
palm
perform
press
prevent
pointed
prolong
rapid
rate
rays
relax
removal
remove
rotate
securely
separate
soaked
spare
swab
switch

ITEMS

ammunition
assembly
barrel
base
buffer
can
cartridge
cartridges
cases
check
combat
cover
disengage
dissassemble
driving
engage
field
forearm
function
garrison
grease (v)
grip
group
guide
hangar
housing
machinegun
machinegunner
mechanism
operating
patches
pin
pistol
plunger
projectiles
ramp
rear
reassemble
receiver
retaining
rifle
rod
rod group
roller
seated (adj)
spring
stock
task
training
tripod

TERMS

action
align
aligned
bolt
control
cylinder
flash suppressor
fouling
front sight
gas
head
leaf
lug
mechanism
mounting
pin
rails
recess
roller
sight
solvent
spool
spring
suppressor
system
trigger
vertical

SECRET

SECRET

visible
ripe off
withdraw

yolo

MOS: 19D
TASK: 071-312-3006
TASK TITLE: FIELD ZERO AN M60 MACHINEGUN

GENERAL

accordingly
accurate
as if
daylight
during
each
estimate
estimates
experience
from high or low
gain
given
have to
in relation
in the direction of
initial
located
make...corrections
necessary
note
place
rely on
reports
same
select
subsequent
suffieient
treating
trial and error
until

BASIC

adjustments
align
to ground burst
click (notch)
confirming burst
elevation changes
field zero
field zeroing
fire (v)
gunner
gunners
hit the target
line of aim
live fire range
make adjustments
procedures
rear sight
the firing positions
windage index
windage knob

TECHNICAL

adjust deflection
bipod positioned
belt of ammunition
center of the beater zone
E silhouette target
(has been) exposed
(is) indexed
known range (distance)
M60 machinegun
range place
36 round

MOS 19D

TASK NUMBER: 971-312-0007

TASK TITLE: PREPARE A RANGE CARD FOR AN M 60 MACHINEGUN

GENERAL

additional
along
always
appropriate
arrow
at the bottom
avenues of approach
basic
basic symbol
below
both
closest
column
connect
constructing
containing
corner
dangerous
data
daylight
depending on
depth
description
(as) designated (by)
determine
directly off (from)
distance
draw (sketch)
during
enter
etc.
(should not exceed
exists
express it in two values
extending from
extreme left
facilities
feature
features
fill in (write in)
fit
for
for instance
given
guidance
identify
immediately
in addition
in relation to
include
includes
information

BASIC

aimed at
applicable
assigned
barbed wire
base of the target
boxtop
C-ration
company
company commander
company level
compass
components
defensive fighting
position
defensive position
description
designated
digging in
(by) digging in
(is) dug out
eight digit
elevation
emplaced
enemy action
fire planning
fix...in place
gun position
gun number
gunner
in order of priority
in place
limited visibility
magnetic
magnetic north
map coordinates
orient the card
oriented
platoon
platoon leader
priority
range
read directions
relief (n., person)
relieving
remarks
respond
squad
targets
target areas
terrain
to teach target
unit designation

TECHNICAL

a break in the symbol
align on the primary sector
align the barrel
automatic weapon
azimuth
back azimuth
bar slide
barrel
(will) bring down
center the position
data box
data section
data section block
dead space = section of FPL
where individual drops below
line of sight
depressing the barrel
direction entry
direction of fire
designated primary sector of
elevating scale
field expedient
firing platform
forward edge of the battle
area (FERA)
FPL = final
grid coordinates
ground level
gun number
in mils
indicator
label
lay in the sun
lensatic
linear targets
magnetic azimuth
magnetic north
maximum traverse
M60 machinegun
875 mils
parapet
PLF = principal
primary sector of fire
protection line
range card
range sketch
reflect (show)
secondary sector of fire
sector limit
sector of fire
sketch section
slide = traversing

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GENERAL

BASIC

TECHNICAL

likely
location
lock (v)
lower
magnetic north
man-made
marginal
in (meters)
most
natural
night
no higher than
(will be) numbered
numbers
objects
optional
(by) pacing
paper
pencil
periods
position (n)
preliminary
prepare
prepared
preprinted
primary
prominent
properly
providing
recognizable
reverse side
room, space
(by) rotating
rough sketch
secondary
(by) separating
(is) set in place
shape
sketch in (v)
slash (n) = /
smoke
specify
the front
the situation
there is
upper
visible
within
width

strike of rounds

MOS: 19D

TASK: 071-313-2316

TASK NAME: ACQUIRE AND ENGAGE TARGETS WITH A CALIBER .50 HB M2 MACHINEGUN USING AN AN/TV S-2 NIGHT VISION SIGHT

GENERAL

ability
across
adjust
affect
allowing
also
alternate
appears
at night
became accustomed
can be detected
care must be taken
check
clear
conditions
continuous
dark background
darkness
densely
depending on
desired
depth
detecting
difficulty diminished
distance
dying
do
eye fatigue
excellent
experience
face
far bank
firmly
focused
fraction
given
greatly
green
height
hold steady
hours
however
improved
incorporated
increases
initially

BASIC

acquire
caliber .50
downrange
eliminated
engage targets
equipment
equipped with
fire adjustment
firing range
flash suppressor
identification
in accordance with
link ammunition
mounted
muzzle flash
place into operation
rounds
target detection
terrain
tracer round

TECHNICAL

adjustment
ambient light level
automatic cut off
AN/TV S-2 night
ball rounds
boresight cover
boresighted
cant level adjustment
cant level bubble
cant level view post
deactivate
eye piece focus ring
eyeshield
first (OFF) position
flash suppressor
forward position
four position
image intensifier
light (n)
light intensity
light leakage
objective lense lock
operator's
penetration
position
proper image
ratio
reticle brightness
reticle intensity
reticle pattern
rotary control switch
rotating control switch
rubber eyeshield
second
slide
switch
take....out of operation
the 4th night
the system
tube
vertical alignment
viewing procedure
vision sight

TASK: 071-313-2316

GENERAL

is held against
in relation to
is limited to
locate
located
location
lock
look through
by looking through
loosen
moon
moonlight
objects
observe
only
open
period of time
prevent
pull
reflected
reflection
remove
replace
rotate
several times
sharp
sparsely
starlight
suitable
taking care
through
thus
tighten
to be sure
to view on
turn off
unless
unlock
viewing
viewing capabilities
void
warning
when
while
wooded

NOB:

SR: 071-313-3451

SK TITLE: PERFORM OPERATOR MAINTENANCE ON A CALIBER .50 BM M2 MACHINE GUN
AND AMMUNITION.

GENERAL

accessories
accidentally
affect
all components
allow
allow to go forward
anyone
applicable
apply
arctic weather
as follows
as much as possible
as soon as possible
as well as
attempt
attempt to
at the same time
be careful
because of
before
behind
below
by lifting
burn off
clean (adj.)
climate
climatic
clockwise
close fit
cold climate
come in contact with
complete (v)
component
compress
consecutive
consistently
correctly
cover
daily
damage
darkness
day
daylight
determine
assemble
(Adj.)
dry (v)
during
effectiveness
efficient
elements

BASIC

accessory
accuracy
arctic weather
assemble (the gun)
assembly
bore
bore cleaner
bolt
burr
canvas
chamber
check
cleaner
cleaning kit
clear
cock (the gun)
combat
condition
conduct
depress
dirt
field conditions
function
general disassembly
gun cover
gunner
grease
group
in accordance with
in reverse order
inspect
inspection
LAW lubricating oil
lightly oiled
limited
LSA lubricating oil
lubricant
lubricate
lubricating oil
moisture
major
oil
PL special
poncho
prescribe
preserve
preservative
protection
rags
removal
replacement

TECHNICAL

accelerate tips
align with
backplate latch
barrel buffer
barrel locking notches
barrel extension
body spring lock
bolt latch
bolt latch release
bolt latch notches
bolt slot
buffer body group
buffer tube
caliber 50 BM M2
clearance hole
collar of the bolt stud
FM-31-70
friction producing parts
head of driving spring rod
holder section swab
inner & inter driving springs
latch lock
locking lug
M3 tripod mount
machine gun
mount maintenance
operator maintenance
ORD 3 SWL A-1
ordinance regulation
powder residue
primer fouling
retaining pin
right side plate of receiver
spring rod
t-slot
TM 9-207
TM 9-1005-213-10
threads
3/8 inch hole
trigger lever

NAME:

TASK: 071-200-3001

TASK TITLE: FUSEE OPERATOR MAINTENANCE ON A CALIBER .50 BB WP MAGNIFIED GUN AND AMMUNITION.

GENERAL

engage
entire
etc.
every
evidence
examine
exert
explain
exposed
exterior.
extreme
feel
follow
following
forward
free from
free of
frequency
frequently
from
further
grasp
halfway
high speed
hold (have)
hot
however
humid
ideal conditions
if
immediately
important
including
injure
in place
insert
inside
instrumental
keep clean
keep covered
least
left
left corner
left hand
less
lift
lit
longer
lower
low temperature
make sure
more

BASIC

rifle
rounds (n)
SOP (standing operations,
procedures
special
tarpaulin
temporary
thin

TECHNICAL

NONE

NOB:

TASK: 071-013-001

TASK TITLE: BIRMINGHAM OPERATOR MAINTENANCE ON A CALORIFIER, SO BE ME ...
AND ATTENTION.

GENERAL

BASIC

TECHNICAL

moving parts
must
necessary
need
never
next to
normal temperature
not
occur
off
on the ground
operate
out of
over
overall
pains down
perform
permit
place (v)
pointed
preparation
pressure
prevent
proper
properly
providing
pull
pull out and up
push
push down
push in
quick
rain
ra
rear
recommend
release
remove
replace
ride
rust
separate
signs of rust
slam forward
slight
slip
slowly
soapy
some sort of
storage
store
straight up

NONE

NONE

215

MOS:

TASK: 071-313-3451

TASK TITLE: PERFORM OPERATOR MAINTENANCE ON A CALIBER .50 BF M2 MACHINE GUN
AND AMMUNITION.

GENERAL

BASIC

TECHNICAL

sweating
sweat out
system
take care
take steps.
there
thin coat
to be sure of
together
top of
treat
tropical climate
turn
under
unlock
unscrew
until
unusual
up
warm
wash off
weather
when
whether or not
working surface

NONE

NONE

OS: 19D

TASK: MOUNT AND DISMOUNT A CALIBER .50 HBMZ MACHINEGUN ON AN M113A1

TASK NUMBER: 071-313-3470

GENERAL ENGLISH

for travel
given
lift out
line up (align)
move....into position
tighten
references
re-insert
remove

BASIC MILITARY

BIT =basic issue item
requirements
secure....for travel
within _____ minutes

TECHNICAL

Cal .50 HB M2 Machinegun Carrier
Chapter 2, Section III
cradle pins
dismount
front and rear holes
full tracked
holes in the cradle
installed
M113A1
machinegun mount
mount
(the) Mount
operation's manual
positioning pin
PP2-61
TM9-2300-257-10
travel lock AFM
travel lock pin
traverse travel lock pin

MGS: 19D Cavalry Scout

TASK NAME: Engage targets with a caliber .50 HBM2 Flex Machinegun

TASK NUMBER: 171-139-1036

GENERAL ENGLISH

BASIC MILITARY

TECHNICAL

above	accuracy	aim
allowing	aim	ammurition
announce	aircraft	belt-holding panel
a second time	to align the weapon	bolt latch
at night	ammunition	bolt latch release
attempt to	apply immediate action	(to) bring (the burst)
cause (n)	apply the proper lead	caliber .50 HEMZ Flex machinegun
(in) daylight	(the) bolt	double loop end
daylight hours	chambered round	feedway
determine	clear the weapon	hand function through one cycle
during	(is) closed	(ammunition) is expended
go forward	cook off	lay the gun
grasp	(the) cover (n)	low performance aircraft
greater	(to) either flank	M 113A1
hot	engage targets	M 551
identlfy	engagement of target	manipulate (the gun)
insert	esitmate the spread	M3 mount
jerk	fails to fire	near edge of the target
let	fires continuous bursts	on the center of mass
limited	(is) forward	open side down
to make adjustments	hit	retaining slide handle
make sure	(upon) identifying	sense and adjust
more than	(first found) is engaged	to engage high performance aircra
moving	keep the weapon on target	traverse
nearest	load	traverse travel lock pin
occurs	load the weapon	vehicle.....at the halt
press	maintain orientation on target	
prevent	mounted on	
prior to	on target	
relean	procedures	
so that	prepare a range card	
to the rear	proper ejection and feeding	
two minute period	proper techniques of fire	
until	(to) record data	
using	relay on the target	
upon completion of	reload	
vehicle	10-20 rounds	
vigorously	searching	
visibility	stationary or print targets	
	stoppage	
	target area	
	targets	
	to the front	
	tracers	
	vehicle-mounted	
	with a 100 yard lead	

218

NOTE: (When the speaker reads)

Task #: 171-376-1001

Task: Maintain a .45 Caliber Pistol

GENERAL ENGLISH

given
one
volatile
mineral spirits
paint thinner
dry cleaning
compound solvent
clean
cotton
free of
fall
usable
temperatures
20° F and higher
hot
soapy
water
dry
thoroughly

BASIC MILITARY

maintain
magazine
CR solvent
cleaning compound
rags
lubricating oil
PL special
within 1 minute
clear
disassemble
rust
dirt
grime
grit
corrosion
lubricated
surface
coated with
thin coat
oil
reassembled
functions check
completed
engage targets
bore
firing
solution
barrel
light
coat of oil
remove

TECHNICAL

.45 caliber pistol
face of the slide

171-376-1001

GENERAL ENGLISH

is
rising
large
parts
use
small
general purpose
cannot
obtained
frequently
fall
should
holding
lift out

BASIC MILITARY

grease
light rust
preventive compounds
weapons
as a bath
lubricate
metal surfaces
inspected
assemble
conduct furniture check
depress
to the rear
release
push down
hammer
remain cocked
pull the trigger
(hammer) should fall
magazine
clear weapon

TECHNICAL

engine oil
SAE 10
preservation oil
safety lock
slide
slide stop
normal grip
grip safety
inspect chamber
slidecut (v)
engage safety
receiver
recoil spring
recoil spring guide
barrel bushing
magazine assembly
recoil spring plug
receiver group
slide group
align notch
press up and in
lock

(Task: Engage Targets with a .45 Caliber Pistol)

Task#: 171-376-1002

Task: Engage Targets with a .45 Caliber Pistol

GENERAL ENGLISH

given
upon
immediately
within ___ seconds
immediate
apply ___ action
any
without
the use
must act
extension of arm
form a "V"
thumb
forefinger
place
wrap
lower
fingers
putting
equal pressure
straight to the rear
high alongside
hand can be pulled
tightly
until
hand
begins
tremble
relax

BASIC MILITARY

engage targets
loaded
ammunition
requiring a target
reduce ___ stoppage
apply fundamentals
quick fire
grip
sights
non firing hand
shooting hand
with sights in line
firing arm
trigger finger
trigger

TECHNICAL

.45 caliber pistol
hold the pistol

171-376-1002

GENERAL ENGLISH

BASIC MILITARY

TECHNICAL

relax
to the point
trembling
stops
at this point
(you are) applying
necessary pressure
(are) relaxed
must be
reapplied .
feet...apart
comfortable
distance
bend knees
slightly
without
as you would
(your)finger
as soon as
as follows
try
wait
10 seconds
again
attempt
achieve
task
min. score.

solid grip
stance
ready position
point
chamber a round
look at
center of the target
using the sights
point at
if pointing
apply pressure
evenly and firmly
weapon fire
apply action
recock
eject the round
chamber a new round
trigger guard
push...forward
move forward
remove
inspect
insert
to fire
go forward
revolvers

place weapon
bisect arm
thumb high
thrust...forward
shooting arm
pull
safe position
safety lock
straighten...arm
lock...elbow
rotate
slide...not fully forward
release the slide
clear the pistol
raise pistol position

222

MOS: 19D

TASK: 071-317-0000

TASK PREPARE AN ANTIARMOR RANGE CARD

GENERAL

alternate
appropriate
assign
assists
blocked by
coordination
craws (n)
enclosed
fence
huls
illustrates
indicated
known point
label
located
man-made
marginal data
natural
nearby
normally
orchard
oriented
orientation
pick out
primary
regardless
representative
secondary
sketch
solidline
supplementary
symbol
windmill
woodline

BASIC

artillery
battlefield
boundaries
camouflage
combat equip
enemy avenues
enemy armor
engagement
field clothing
field environment
firing position
gunner
maximum
mines
mortar
priority
prominent terrain
replacement unit
terrain
unit designation
weapon symbol

TECHNICAL

antiarmor weapon
azimuth
compass
deadsoace
features
limiting terrain
magnetic north arrow
range card
target
target engagement
target reference point

MOS: 19D
TASK:
TASK NUMBER: 071-317-3301

GENERAL

acquire
adjust
adjustment
advise
anticipated
apply
artificial
assume
attempt
bend forward
blink
brace
buttocks
certain
chip
click
constant
contour
cracks
curled
damage
darkness
daylight
defective
depress
designated
dirt
downwar
edge
elevated
engageable
engaged
evidence
exterior
fail
firm fit
fit
fogging
foot
forward
freedom
gorgeous
grasp
grease
ground
heels
humidity

BASIC

acquire the target
bipod
bipod friction lock
bipod legs/feet
carry configuration
combat equipment
eye-guard
field clothing
field environment
firing sight
fox hole
flanking
gunner
inert round
inspection
kill area
level sight picture
load bearing
equipment (LBE)
mated to
mate the tracker
misifre
missile
mission
operational
positioned
preoperational
inspection
procedure
rpone
round of ammunition
sand bags
sector of responsibility
sigh (on a gun)
supported firing
target
the safety (on a gun)
trench
trigger
trigger assembly
web belt
within range

TECHNICAL

activated bagged
after shock
anti armor range card
backblast area
bipod
crosshair
cupola of the M113
dessiciant cover
dessiciant retainer
DRAGON
dragon tracker
electrical cable nipple
electrical connector
electrical connector cover
electrical connector cover with
range card
ethyl alcohol
firing mechanism
focus
fccus ring
forward bipod brace
froward shock
forward shock absorber
forward shock absorber assemble
full sight method
frill of the M113
fuide pin brequ boat
half stadia
humdiity indicator
knurl focus adjusting ring
langard
larencher tube
lens cover
lens tissue
missile launch
mount the tracker
optical sight assemble
raceway conduct
retaining strap
safety plunger
shock absorber
sight adjustment
sling
stadia lines
thermal battery
tracker
tracker elctrical receptacle
tracker eyeguard
tracker forward shock absorber
tracker guide pins

OS: 19D

TASK NUMBER: 071-317-3301

GENERAL

BASIC

TECHNICAL

illumination
in accordance with
inert
keep close together
kneel
knees
launcher
legible
level
limit
loose
loose control
make sure
maintain
markings
meaty part
mass
metallic
moisture
nomindature
• construction
obtain
oil
path
pink
pcp off
portion
prevent
previous
pi:k
rearward
reseat
re-squeeze
resting
rotation
simulate
slight
slot
spread
stationary
surface
steady
take out
the slacks
thumb

tracker (optical sight)
tracker support guide rails
tracker thermal battery
tracking rate
tracking target
trigger bar
trigger lever boot
trigger mechanism
trigger safety plunger
vertical lock position
viewport

225

MOS 19D

TASK:

TASK NUMBER: 071-317-3301

GENERAL

tuck your elbow under
vertical

vicinity

visual

visual damage

underneath

unsnap

waist

220

MOS: 19D

TASK : PREPARE THE DRAGON FOR FIRING

TASK NUMBER: 071-317-3302

GENERAL

adjust
damage
darkness
daylight
foot
inert
obstruction
obtain
pop off
slot
unsnap
urinal

BASIC

carry configuration
field environment
load bearing equipemnt (LBE)
level sight picture
mate the tracker
web strap

TECHNICAL

bipod
bipod friction-lock
electrical cover
forward bipod brack
tracker
tracker forward shock absorber
tracker guide pins
tracker support guide
tracker electrical receptacle
vertical lock position

MOS: 19D

TASK: DETERMINE IF A TARGET IS ENGAGEABLE

TASK NUMBER: 071-317-3303

GENERAL

acquire
anticipated
artificial
center
edge
engageable
illumination
path
stationary
vertical

BASIC

adjustments
gunner
kill area
operational
sight on a gun
sector of responsibility
targets
within range

TECHNICAL

after shock absorber
antiarmor range card
DRAGON
firing mechanisms
flanking
focus
focus ring
full sight method
guide pins
half stadia
knurl focus adjusting
ring
langard
optical sight assembly
sight adjustment
stadia lines
trigger safety plunger
boat
trigger lever boot

228

POS 19D

TASK NAME:

TASK NUMBER: 071-311-3300

GENERAL

acquire
adjustment
anticipated
artificial
center (v)
edge
engageable
illumination
path
stationary
vertical

BASIC

operational
sector of responsibility
sight (on a gun)
skill areas
target
within range

TECHNICAL

after shock
anti-armor range card
DRAGON
electrical connector
electrical cover
firing
focus
focusing
full sight method
guide pin
half
head focusing ring
optical sight assembly
sight adjustment
trigger lever
trigger safety pin

MOS: 19D

TASK: 071-317-3304

TASK DEMONSTRATE CORRECT DRAGON FIRING POSITION

GENERAL

adjust
apply
assume
bend forward
buttocks
brace
constant
curled
depress
designated
elevated
engage
foot
ground
heels
in accordance with
inert
kneel
knees
level
lose control
maintain
mass
make sure
meaty part

obtain
portion
prevent
rearward
slack
spread
steady
take out
thumb
toe
TUCK YOUR ELBOW
underneath
waist

BASIC

acquire
contour
field environment
focus
foxhole
gunner
load bearing equipment
missile
positioned
prone
round of ammunition
sand bags
supported firing position
target
trench

TECHNICAL

back: st area
bipod friction lock
bipod legs/feet
crosshair
DRAGON
grill of the M113
launcher
missile launch
safety plunger
shock absorbers
tracker
tracker eyeguard
tracking rate
trigger assembly
trigger bar
trigger mechanism

MOS: 19D

TASK: 071-317-3306

TASK NAME: PERFORM IMMEDIATE ACTION PROCEDURES FOR A DRAGON MISFIRE

GENERAL

advise (alert, tell)
attempt
daylight
darkness
defective
fail
in accordance with
obtain
previous
reseat
re-squeeze
simulate
vicinity

BASIC

acquire target
combat equipment
field clothing
field environment
firing scale
misfire
mission
procedure
round (ammo)
target
trigger

TECHNICAL

DRAGON tracker
mount the tracker
thermal battery
tracking target

MOS: 19D

TASK:

TASK NUMBER: 071-316-2502

GENERAL

adjust
alignment
assemble
binding
breath control
click
comfortable
component
conduct
contact
corrective
cracks
defective
delay
dent
depress
dust
effect
elevate
elevatim
eliminate
erratic
exist
flinch
fluctuating
force
foreign material
from the waist up
functioning
grease
gouges
heat
hook-up
in accordance with
in addition to
indicate
installation
jerk
knee
knob
leaning
locations
lock
lower
malfunction

BASIC

activated
acquisition
alert
armed
command
control knob
crew
cross country
dust cover
endanger
engagement
EOD (explosive ordinance
disposal)
ordinance dispos
gunner
inspection
live fire
training situation
load
leaded
maneuver
misfire
missile
mission
positioned
pre-operational
procedure
self test
sighted
sight-picture
track
trigger

TECHNICAL

arming lever
assembled ground wire
azimuth
backblast
boresighting
breech and bow
bridge clamp
locking handle
center index mark
coil cord
coil cord connection
command link wire
contact knob
cross hair
crosshairs illuminate
DA Form 2404
day sight tracker
electrical connector
encased missile
extended travelconfiguration
firing circuits
forward handling ring
ground impact
gyro
humidity indicator
indexing lugs
in-band
in-firm
infrared tracker
launcher
launch motor finding
launch tube
law
light illuminate
meter light
meter needle
missile flight
missile impact
missile guidance set
optical
optical sight
ordinance disposal
organic carrier
out of band
quick release clamp
reticle light
rubber eyepiece
selftest switch
shade melters

DS: 19D

TASK:

TASK NUMBER: 071-316-2502

GENERAL

BASIC

TECHNICAL

muscle tension
noise
occurred
occurs
one at a time
outlined
pink
pop
position
protrude
punctures
raise
register
repeat
replace
retract
required
rotate
sequence
stimulation
situate
smoke
smooth
steady
system
sunny
table (written)
take a deep _____ breath
temperature
unmarked

T3
test operate switch
two launcher
two weapon system
traversing unit
trigger
trigger protutial _____ cover
vehicle mountire
wire cutter

MOS: 19D

TASK: 071-316-2504

TASK TITLE: PERFORM IMMEDIATE ACTION FOR A TOW MISFIRE

GENERAL

assemble
climate
delay
eliminate
lock
lower
malfunction
occurs
raise
replace
sequence
simulation
table

BASIC

alert
breach and bow
crew
cross hair
endanger
engagement
EOD
illuminate
gunner
launch tube
load
loaded
misfire
missile
mission
procedures
shade melters
track
trigger
wire cutter

TECHNICAL

aiming point
budge clamp
locks handle
coil cord connection
command link wire
electrical connector
indexing lugs
launcher
launch strike
lights
illuminate
missile guidance set
meter light
out of band
ordnance disposal
quick release lamp
reticle light
TOW LAUNCHER
trigger

MOS: 19D
TASK: 071-316-2519
TASK TITLE: ENGAGE A TARGET WITH A TOW

GENERAL

comfortable
contact
delay
depress
dust
effect
elevate
erratic
flinch
force
from the waist up
heat
in accordance with
jerk
kneel
leaning
muscle tension
occurrd
pop
situate
smoke
smooth
steady
• take a deep breath

BASIC

activated
acquisition
armed
command
control knob
engagement
fire
loaded
maneuver
misfire
picture
sight
sighted
track
trigger

TECHNICAL

control knob
cross hairs
eneared missile
ground impact
gyro
launch motor firing
launch tube
launcher
LAW
missile flight
rubber eye piece
optical sight
sight picture
TOW weapon system
track

235

NOS: 19D

TASK: 051-192-1022

TASK TITLE: LOCATE MINES BY PROBING

GENERAL

accidental
angle
angle high
attached
combination
conducted
container
cm
deflective
desired
DIA=diameter
earth
edge
exact
gently
horizontal
letters
location
meter
original
pair of legs
parallel
pressure
removes
sense of touch
sign
sink
soil
spread
squeeze
stripe
trust
unroll
unscrew
waist high
wire fencing

BASIC

accessories
aim
align
area of fire
arrow
bandoleer
boyonets
Beta lights
check
concertina fencing
connector
cover
coverage
designated area
downward
flashlights
foxhole
helmets
immediate vicinity
install
instruction sheet
is seated
locate
mark it
move on hands and knees
periodically
pick or chip
pistol belts
position your eye
prone
rearward
report it
roll your sleeves up
sight
suspect
uncover
weapons
45 degrees

TECHNICAL

aiming point
blasting cap assembly
booby trap markers
bury
chemical mine field markers
camouflage
circuit test
chemical mine field markers
company level
counter mine operation
crimped
detonating
dust cover
electrical firing wire
electrically-armed
emplaced
exit markers
firing device
firing wire
fragment spray
"FORWARD TOWARD ENEMY"
functional firing
good circuit
groove
lane entrance
magnetically influenced
metallic
mines
M57 firing device
mined terrain
mine fields
mine with knife edge sight
mine with slot type peep
mine warning sign
non-metallic
phosphorescent type
pressure mine
pressure prongs
probe
probing instrument
protected
safety bail
shielded
shipping plug primary
shorting plug end
slicing tape
slotted end
standard lane marking
test set
trip wire

OSI-192-1510

EMPLOYEES RECOVER AN ELECTRICALLY ARMED CLAYMORE MINE

GENERAL

accidental
account for
airing
bury
conduct
disconnection
disturbed
excess
firm
fixed
given
in line
indicator
individual
install
misaligned
observe
packed in
pairs of
plug
possession
prior to
quick
recheck
recovered
repacked
reroll
screw
select
shoulder
tie
unscrew

MINE

activation
activate
air
cancellation
candle of container
circuit test
conductor
connector
crimped
detonated
detonator well
dust cover
emplaced mine
emplacing
FIRE position
firing device ball
firing position
firing wire
fixed
fragment spray
functioning
groove of the sight
in line
inert blasting cap M40
installation site
kill zone
knife edge sight
lead element of an enemy
formation mine
M-7 bandoleer
M18A1 antipersonnel mine
M 40 test set
M 57 firing device of the way
packed in
parallel to
performance measure
plug
recovered
repacked
sand bag
shipping plug priming adapter
shorting plug end
slotted end
squeeze
unroll

MINING

air line
arm
circuit test
cancellation of
connection
detonated
dust cover
emplaced mine
emplacing
flag
folding legs
FIRE position
firing device ball
firing wire
fragment spray
groove of the sight
identification tag
inert blasting cap M40
instruction sheet
insulation tape
kill zone
lead of an enemy formation
molded slit-type
M57 firing device
M40 test set
M7 bandoleer
plastic matrix
peep sight
shipping plug
primary
scissors

MOS: 19D

TASK: 051-192-1511

TASK TITLE: LOCATE MINES WITH A METALLIC MINE DETECTOR

GENERAL

adjustment
align
angle
assume
area
assemble
buried
clearance
collapse
connect
counter clockwise
crawl
designated
evident
expose
external

faulty
forearms
fragments
handle
increase
induced
inspect
installation
intermediate
leverage
meter
minimum
motion
negative
nest
noise
obtain
opposite
organization
overhang
parallel
prevent
proper
process of elimination
proper
rear
repeat
rough
saturated
seal
sensitive
sharp charge

BASIC

allow
backup operator
injury
metallic fragments
mined area
noted
pistol
prone position
search
search for
shrapnel
terrain
warning

TECHNICAL

AN/PSS-1 metallic mine
detector
anti-personnel mine
audio frequency receiver transmitter
assembly
battery cap
cables
case
collar
collects
control knob
coupling
earcup
explode
extension handle
field expedient
friction nut
headset
index mark
intermediate position
keeper and slide case
key pin
lock ring
low position
metal fuzed mine
metal firing
mine bonnet
non-metallic fuzes
null sign
plug-in pin
power selector switch
performed packing
pressure release valve
search head
search head assembly
sensitivity checker
short range
signal volumn
silver chloride battery
spring-loaded
spring type latch
sweeping
transmitter assemble
turned circuit
varimeter phrasing
voltage
white engineer tape -

TASK: 051-192-1511 cont.....

GENERAL

slide forward
slot
snug
strewn
suspected

0.

MOS: 19D

TASK: 051-192-1512

TASK TITLE: LOCATE MINES WITH AN MICROWAVE MINE DETECTOR

GENERAL

adequate
align
angle
approximately
assemble
attached
attempt
clockwise
comfortable
compress
continuity
defective
desired
disclose
engage
fasten
finger
flat
homogeneous soil
initial
insert
lack
lift off
locate
maximum
non-homogeneous
obtain
parallel
plug
portion
prevent
pronounced
respond
section
set
shut off
soil
spare
spot
thumb
tone
twist
unfasten
width
yield

BASIC

alert
area
debris
designated
injury
maintenance
mark
pistol belt
process
prone position
rate per second
secure
terrain

TECHNICAL

AN/PRS-7 microwave
detector
back up operator
battery
bracket
buried mine
collect
control
detonating
emplaced
field expedient
fround
headband
headset
latch
latches
low-level tone
metallic mine
metallic scrap
micro wave
mine bonnet
mine detector
module
non-magnetic
point mode
pressure relief valve
SEARCH
search head
slotted nut
socket
spring cap
spring loaded
spring loaded coupling
sweep
quick discount couplin

MOS: 19D

TASK: 051-192-1514

TASK TITLE: EMLACE AND RECOVER AN M14 ANTIPERSONNEL (AP) MINE

GENERAL

attached
block
clockwise
counterclockwise
cracked
dented
diameter
dig
foreign material
future
gently
hale
in case
indicating
inserted
face up
otherwise
palm
retain
solid
support
tap
upside down

BASIC

arrow
disarm
inspect

TECHNICAL

bayonet
booby trap
camouflage
carrying cord
detonate
emplace
entranching tool
gasket
M14 antipersonnel mine
M22 mine fuze wrench
mine body
non-metallic object
pressure plate
safety clip
shipping plug

MOS: 19D

TASK: 051-192-1515

TASK TITLE: EMLACE AND RECOVER AN M16A1 ANTIPERSONNEL (AP) MINE

GENERAL

anchor
assembly
condition
damaged
deviate
diameter
disconnect
dig
evidence
foreign matters
hold
install
interlocking
locking
obstruction
outline
rotate
soil
stakes
tap
tip
turn upside down
unsatisfactory
unscrew
wooden

BASIC

armed
camouflage
installation
issued
procedure
trigger
withdrawal

TECHNICAL

activate
booby trap
bury
crimping
detonate
emplaced
entrenching tool
flash tube
fuze
M16A1 AP mine
M25 mine fuze wrench
M605 fuze
malfunction
positive safety
positive safety pin
pressure prong
pull chord
release pin ring
rubber gasket
safety pins hole
shipping plug
trip wire

207

MOS: 19D

TASK: 051-192-1516

TASK TITLE: EMLACE AND REVO CER AN M21 ANTITANK (AT) MINE

GENERAL

according to
base
burial
component
counterclockwise
diameter
distrub
expel
firm
foreign matter
foundation
grass
mound of earth
natural
outlined
packing box
powder
recommend
reinsert
sand bag
spare
surroundings
squeeze
twigs
vertical

BASIC

aim
camouflage
carrying strap
conceal
disarm
procedures
vegetation cover

TECHNICAL

activate
boaster cavity
boaster M120
closing plug
concave steel plate
cotton
detonate
emplace
entrenching
extension rod
extension rod adapter
fuze closure assembly
fuze hold cavity
fuze pull ring assembly
gasket
M21 AT mine
M26 arming wrench
M 607 fuze
mine charge cap
minefield
thread
threaded fuze hold
washer

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MOS: 19D
TASK: 051-192-1517
TASK TITLE: EMLACE AND RECOVER AN M15 ANTITANK (AT) MINE

GENERAL

container
deal
diameter
dig
foundation
function
inert
install
interfere
investigate
manner
metal
recover
required
sandbag
seal
seat
shipping
sod
soil
surface
turf
watertight

BASIC

camo
disarm
firing devices

TECHNICAL

actuator
antihandling mines
arming plug
arming wrench
detonation
detonator
emplace
entrenching tool
fuze
fuze well
gasket
helical spring retainers
M 15
M 20 mine fuze wrench
M 603 fuze
minefield
"positive" safety pin
pressure plate
safety forks
setting
shutter
taunt wires

24/4

MOS: 19D

TASK: ASSEMBLE A NON-ELECTRIC/ELECTRIC DETONATION SYSTEM

SK NUMBER: 051-193-1504

GENERAL

actuate
adhesive
air-space
allow
a set of
assemble
attach
available
base
blow
bridge
bump
conform
could
create
cut
defective
depth
described
designated
determine
scard
able
ensure
exposed
face (surface)
flash
flattened
force
forefinger
gently
grasp
gravel
halfway
hard object
individual
insert
intermediate
intervals
into place
joint
length
location
manufacturers
measures
needle

BASIC
approximately
assemble
barrel
block of
bore holes
bridge abutments
deflection
demolition charge
destroyed
detailed
detonate
detonating systems
diam (diameter)
electron
emplace
emplaced
explosion
fine (v)
fired (v)
foreign matter
half-way
in contact with
injury
landing zone
load
make contact
match head
method
misfire
moisture
non-elective
note
on-the-spot
parachute drop
personnel
pioneer tools
section leader
shipping plug
zone

TECHNICAL

abates
adapters
blasting cap
blasting machine
burning rate
composition
cratium charge
crimp
demolition cord
demolition set
demolition system
explosive block
firing circuit
firing wire
flash charge
fuse ignitor
falvanometer
hasty road crates
igniter
indicator lamp
intermediate
support piers
M51 blasting cap
M60 fuse ignitor
M60 weatherproof
fuse ignitor
M-2 ignitor
M-2 crimpers
reset
safety pin
series circuit
short circuit
shunt
splice/resplice
steel stringer
super structure
10 cap blasting machine
test set
timber cutter
ring charge
time blasting
fuse
truss super
structure

245

MOS: 19D
TASK:EMPLACE DEMOLITION CHARGES
TASK NUMBER: 051-193-1505

GENERAL

adhesive
airspace
alternate
assemble
available
base
bridge
conform
create
depth
designated
destroyed
determine
face
gravel
halfway
intermediate
intervals
location
measures
pack
"per"
performance
repeat
ring
rock
rope
simultanwously
string
stuck
supporting
tape
thick
vulnerable

BASIC

approx (approximately)
diam (diâmeter)
injury
landing zone
load
parachute drop
personnel
section leader
zone

TECHNICAL

abatis
vore holes
bridge abutments
composition C4
cratering charge
demolition card
demolition charge
demolition set
demolition system
emplace
hasty road crater
kiker charge
pioneer tools
timber cutting ring charge
truss super structure
steel stinger superstructure
rail joints

MOS: 19D
TASK: 071-333-6500
TASK NAME: DRIVE AN M113A1 (APC)

GENERAL

all
all the way
allow
another
any
apply
as much as possible
as soon as
as soon as possible
as well as
at least
at the same time
at once
at the bottom
automatically
backward
become
before
best
be sure
board
both
branches
break
breaks through
brush
build up
bugs
bypass
can
car
caution
check
checked
clean
clear
climb back onto
conditions
control
coast
could
cover
crust
deep sand
defective
dirt
ditch
don't
do not
driving
during

BASIC

in accordance with
obstacles
tactical situation
tactical situation

TECHNICAL

air cleaner
air intake and exhaust
APC
acceleration
accelerator
avoid skidding
balance the pull
battery
braking
cargo driver's hatch
carrier
combat vehicle devices
control differential
dent
differential brakes
dig
digging
dish
drive carefully
driving range
driver
eye gear
engine
extra power
fade
final drives
full throttle transmission
gages
gear down
glazed
heavy hauling
ice
if
in a straight line
in form
instructions
it could itself
junk
just
just as
just like
keep
keep....clear
let
let's
lift...away
light use
like
lock
look
loose sand

24

TASK: 071-333-6500

GENERAL

BASIC

TECHNICAL

each
edge
either
emergency
especially
except
expected
extreme
fail
faster
few
find
fire extinguisher
fix
fixed
floor
follow
boot
forward
freezing temperature
frequently
from
~~formen~~
get
get to
get used to
given
go
go easy
going
going down
go forward
growth
halt
hand
handle
hands off
hard
harder
haul back
heat
heavy metal
heavy snow crust
heavy underbrush
heavy growth
helps
hill
hold
hope
hot
humidity

lose control
lowering
make sure
marked
materials
methods
move
movement
moving
need
nearly
never
no one
normal
occurs
off the ground
often
on and off
one
on top of
or
other
parking
rush
pavement
periods
permits
place
plan
point
pointed
pop up
portable
possible
present
press
press....devise
prevent
pull
pull back
pull back on
pumping
push
quicken
raising
release
requirement
rock
rules
salty conditions
same
security

248

TASK: 071-333-6500

GENERAL

BASIC

TECHNICAL

hand throttle
helmet liner
horn
latched
left hand steering and braking
lock buttons
lock the brakes
locked
lock up
lose the grip
low range
low transmission range
lower gear
lubricate
M113A1
open or closed position
overheat
oversteer
part the vehicle
parking
pedal
personnel carrier
pivot steer brake
pivot steering
pop up
positive safety pin
proper
protective
primp.... n and off
radiator
ramp
range/rear area
right and left steering brakes
road wheels
running
set
shift
shift down
shift lever
short bursts of power
sound the horn
start the engine
steer
steering brakes
steering levers
take off smoothly
tank shroud
tarpaulin
TC helmet
to pivot
track
tracks

seconds
separate
set
setup
series
several
shade
shelter
short
sides
slope
slow
slow down
slower
smoothly
snow
so
soft fine snow
something
sounded
speed
started
steadily
step on
stop
stopping
straight up/down
straining
strictly
sudden
take care
take off
than
that
the bottom
then that ahead
too
too fast
too much
top
to ride
touch
touching
toward
trench
turn
turns
twice
unavoidable
unless
unlock

249

TASK: 071-333-6500

GENERAL

truch commander
trade-off
transmission
vehicle
warning lights

BASIC

TECHNICAL

until
use
use your head
very
wait
warn
want
way
where
while
without
wider
will be worn
won't

252

MOS 19D

TASK: 071-333-6503

TASK NAME: DRIVE AN APC WITH NIGHT VISION DEVICES, INFARED EQUIPMENT AND BLACKOUT DRIVE

GENERAL

above
additional
adjust
ahead
allowing
alone
area
always
at night
because
behind
both
braking
bright
can be
carry on
cause
close
come on
completely
consists of
damage
dark
darkened
darkness
diffused
disconnected
distance
ditch
do not
drive
drive carefully
during
each
effective
equipment
etc.
failure
far
far away
from
front
getting...behind
goes
hit
hold
if possible
immediately
individual

BASIC

obstacles
on command
terrain

TECHNICAL

APC
arcing
blackout bulbs
blackout drive
blackout headlights
blackout markings
blackout marker lights
blackout drive light
blackout night driving
blackout stop light
depth perception
driver's hatch
exceeds 16,000 .
from the periscope
has drained off
infared equipemnt
infared powerpack
lead vehicle
infared powerpack switc
light spots
lock lever
M113A1-APC
M19 infared periscope
main lever
master switch panel
night vision
night vision devices
off positions
operator's periscope
power cable
power main
power main pack
power pack light switch
receptale level
residual charge
secure
steering levers
taillight
to brake
unlock position
vehicle commander
vehicle intervals

251

MOS: 19D
TASK: 071-333-6503

GENERAL

injury
installed
installing
is shining
just before
left
light
like
look
lose
maintain
maintaining
may
meters
minutes
moves
must
narrow
negotiate
one
only
or
over
overrunning
proper
protect
provide
release
remember
required
requirement
result in
see
slopes
slightly
slopes
slow down
speed up
spend a half hour
strams
system
that
then
the other
to avoid
to get
too
touch
trenches
turn
turned on
under any circumstances

TASK: 071-333-6503

GENERAL

BASIC

TECHNICAL

use
used
varied
vertical walls
wait
warning
voltage
when
whick
white light

MOS: 19D
TASK: 071-333-6504
TASK NAME: OPERATE AN APC IN WATER

GENERAL

across
after
another
are installed
approach
at the same time
bank
before
before entering
bodies of water
both
check
choppy wave
clear of
close
complete
condition
could
cross
current
daylight
diagonally
do not
drive
enter
evenly
except
exit point
exit print
extend
finish
firm clear surface
firm gradual slope
flood (v)
flooding
free (adj.)
gently
given
good condition
gradual slope
head for shore
if
intended
interior
is distributed

BASIC

as prescribed
cargo
field location
operate
operational
personnel
regulation
safety equipment
SOP
tactical situation
water obstacle

TECHNICAL

accelerate
acceleration pedal
access
after operation main-
tenance
APC armored personnel
carrier
bilge (n)
bilge pump
bilge pump operation
depress the accelerator
driver's hatch
freeboard
hatch covers
hull drain plugs
M113 armored personnel
carrier
must negotiate
neutral
periscopes (n,pl.)
pipe plug
pivot steer lever
ramp door
range
retract
reverse gears
stalling
steer levers
steering and braking
lever
swim the carrier
TM 9-2300-257-10
top hatch cover
tracks
track chroud
trim
trim vane

MOS: 19D
TASK: 071-333-6504
TASK OPERATE AN APC IN WATER

GENERAL

less than
let
lights
load
local
lock
make sure
minimum
momentum
more than ___ foot high
moving forward
necessary
never
obtain
open
operable
opposite
out of
permits
pointing
prepare
properly
pulling back
reach
release
right front corner
rivers
safe
safety
secure
select
shift
shore
shows signs of
slow-flowing
slowly
so that
streams
strike ground
strike land
swamping
tactical situation
that which
to
try
turn
turn on
until
upcurrent
using
water
while

255

MOS: 19D

TASK NUMBER: 071-333-6512

TASK NEGOTIATE OBSTACLES IN AN M113A1

GENERAL

all
allow
approach
any
any more than necessary
at a speed
below
bunk
climb
climb out
desired
ditch
downward
drive across
ease up to
enough
enter
far
follow
given
high
instructions
itself
keep up
less
lower
or
move out normally
no greater than
pick
place
possible
power
requirement
route
slowly
starts
straightest
straight on
to carry
touch
trench
until
up
various
vertical
wall
wide

BASIC

in accordance with
obstacles
trench

TECHNICAL

accelerate
gear selector
M11A1 personnel carrier
negotiate
pitch forward
steer
track commander
vehicle commander
0.7 M
0.67 M
60% grade

256

MOS: 19D
TASK: 071-333-6514
TASK NAME: PREPARE AN M113A1 FOR TRAINING

GENERAL

always
an x
as shown
at
attached
available
between
be used
connect
cross
disabled
disconnected
driver
either method
engine
extra
failure
fast
for
front
given
greater than
has
hook
if
inoperable
instead of
lack of
less than
lines up
locks...closed
make sure
maybe
miles
necessary
no
note
open
position
preparation
prepare
pull on
pull up on
put in
requirement
safest
secure
should
similar
so
speed
take out
then

BASIC

crew
in accordance with
performance measures

TECHNICAL

connector
cooling
differential
drawbar or towbar
electrical connector
final drive
headed pin
in running
is toward
locking pin
lubrication
M113A1
M113A1 track
neutral
overheating
pintle
pintle eye
pintle latch
plug into
retaining pin
shackles
steering or braking control
stoplight
tail light
tow bar
tow cable
towing
towing, eyes hooks
towing equipment
towed vehicle
towing vehicle
transmission
transmission shift lever
universal joints

071-333-6514

GENERAL

there is
through
to do
too fast
vehicle
want
will damage
will work
without
wreck

MOS: 19D

TASK: 071-333-6515

TASK NAME: REMOVE/INSTALL TRACK SHOE ON AN M113A1

GENERAL

about
across
add
adjust
after
aligned
all
angle
any
apply brakes
are worn out
as far as
be able to
be careful
between
beyond
block
both
bottom
by disconnecting
coast
coat (n)(v)
detect
don't
drive onto
each
edge
eight
either
either...or
end
enter
fifth
flushwith
following
four
freely
front to back
given
grease
ground
has..left
height

BASIC

canteen cap
corrosion preventitive com-
pound
crew
organizational maintenance
performance measures
ruler

TECHNICAL

align with
bleed grease
brakes
bushing and grouser
capscrews
corrosion preventive
compound
drift
drive out of
extend
extends through
hull
idler wheel
front cover
GAA
gage
grease gun
grouser height
lubrication filling
M113A1
N50 national seack no.
nut
organizational mainten
ance check
outer end
pad hole
pins
rear cover
rear fender
rear shroud cover
retainer clamps
shoes
shroud
sprocket
stowed position
tension
threads
threaded holes
track adjuster
track bushing wear
track connecting fixtu
pin holes
track shoe forging
track shoe pad
track shoe's bushing
track shrouds
track tension
track wear gage
washers
wear gage
wrench

MOS: 19D
TASK: 071-333-6516
TASK NAME: STOP THE ENGINE OF AN M113A1

GENERAL

a few
after
all the way
always
any
before
bring...to a stop
by adjusting
caution
command
complete
electrical
engine
equipment
fuel
given
has been running
has burned
have
heater
if
is on
its
itself
lights
moving
only
or so
other
place
press down
pull back
pull out

BASIC

BII
crew
in accordance with

TECHNICAL

about
at
differential brakes
feed line
- fuel cut-off
hand throttle control
injections
in N
instrument place
levers
locking buttons
master switch
normal reading
personnel heater kit
sit---back
sit....to run
steering and braking
to idle
radio
seconds
should
shut off
stop
symbol
take
that
this
turn off
vehicle
wait for
within
you

MOS: 19D
TASK: 071-333-6517
TASK NAME: START THE ENGINE OF AN M113A1

GENERAL

a little
about halfway down
above 40
again
all
allow
apply
are closed
as far as
attempts
be out
before
below 40
beware of
carbon monoxide gas
caution
changes
check
close
cold weather
cold weather conditions
comes on
complete
continue
daily
damages
deadly
disconnect
do
does not
don't
driving
during

either
engine
equipment
except
fails to
five
follow
following
for a moment
for...long
fuel
given
go out

BASIC

BII basic issue
in accordance with

TECHNICAL

accelerator pedal
access panel
add pressure
after cranking
airbox heater
accumulator
accumulator switch
BATT
battery generator in-
dicator
before operation pre-
ventive maintenance
checks and services
close the valve
coolant heater
crank
cranking time
disengage
driver's access panel
driver's seat
driving lights switch
electric air pump
engage engine disconn
engine access panels
engine discount contr
hand pump
handle
engine oil low pressu
warning light
fuel cut-off control
fuel cut-off
fuel quantity indica
gage
fuel gage
generator
fuel gage RPM,TEMP
hand throttle
in
instrument panel
lock
lock the brakes
M113A
manual pump
master north
normal
off
on
organizational maint
panels
power plant

TASK: 071-333-6517

GENERAL

has
hard
have to
heat
high
hold
hold....in
idle
if
immediately
indicate
in five tries
install
instructions
is running
is pulled out
keep working
left
less
let
long time
look like
never
next to
normal
normal weather
not
not
notify
now
make
make sur
may
maybe
measures
more than
move
must
operable
operating
other
perform
pictures
place
poison
press in
pressing
pressure
procedures
pull off
push in

BASIC

TECHNICAL

power train
preventive maintenance
hot check
reads in the yellow
run the engine
shift lever
secure
start switch
starter
temperature
TM 9-2300-257-10
transmission
troubleshoot
turn the engine
warm engine
warning light panel
warning lights

TASK: 071-333-6517

GENERAL

BASIC

TECHNICAL

quantity
radius
raise
reaches
release
restart
remove
required
return
seconds
secure
set
should
should be
so hard
special procedures
start
starting
temperature
taht then
the rest
this
tight
time
to get ready
too
too cool
try
turn
turn off
type
until
very
wait
warm up
warn
warning
when
will go
within
without
work

MOS: 19D
TASK: 071-333-6518
TASK . TROUBLESHOOT AN M113A1

GENERAL

a
a few times
a lot of
above
add
a just
after
air
all
all around
any
any longer than
anythin
any one else
are blocked
are clogged
are in place
are leaking
as far as
as much as possible
as soon as
as specified
as needed
at
at least
at the same time as
attached
available
avoid
ba
badly
beat
before
because of
best
between

blockage
blow
both
bottom
bugs
build up
by
by hand
can
can't
cause
caution
check
cleaning

BASIC

BII basic issue
GAA
GI
hand soap
performance measures
safety goggles
tactical situation
take corrective actions

TECHNICAL

accumulator fuel pres
air box cleaner
air box heater
air box fuel lines
air box fuel line
air cleaner
air cleaner element
air flow
air intake grill
air locked
air
air temperature
aligned with the groove
are run down
at
at the halt
auxiliary power
battery cable connect
battery current
battery gage
battery electrolyte
batteries
batteries are dead
bildge pump with
bildge pump vents
bleed grease
brakes
cargo compartment
circuit breaker
closed end element
crowded road
comes on
compressed air
control handle
coolent heater
leaks
coolent level
cooling fan
coupling
current

deposits
differential
differential lube time
differential oil hi
temperature warning li
differential oil le
differential discor
disengage
disengage the engine
distilled water

TASK: 071-333-6518 cont....

GENERAL

clear
coast to a stop
colder than
comes up
components
conditions
connect
container
cool
corroded
cover
could be
cure
damage
damaged
deflective
direct
dirt
disconnect
disconnected
distance
doesn't
don't
down
drain
drive
drive...onto
drop (v)
dry
dust
each
each side
either way
electrical equipment
end up with
entire
enough
fast
faulty
feel
find
fix
follow
following
for a few hours
for driving
frequently
from
from the inside the _____
fuel
full of
fungus

BASIC

TECHNICAL

drain valve

driver's seat
electric air pump
electric air pump

electric air pump
system

electrical power
electrical system
engine
engine access panels
engine cranks
engine disconnect
engine handle
exhaust
engine oil level
engine over heats
engine heater coolant
heater kit
engine is running
engine labors
engine oil his temp
low pressure warning
light
exhaust grill
fan belts
fan intake
final drive
final drive oil level
cut off control
fuel compartment
shutoff
gage 5120
gas particulate unit
gasoline or
solvent
ground wire
hard running
heater
heater air intake
heater system
hoses
indicator lamp
inlet screws
is engaged
is sending
is working right

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TASK: 071-333-6518 cont....

GENERAL

gently
get to
gets
given
go (move)
go easy
go out
grow
has
has built up
have....iffect
hands on
have orders to
have lost
have...take off
have to
heat (n)
held
high heat
here's how
high elevation
high terrain
hit
high
how
humidity
if
is attached
is burned out
is connected
is equal
is getting
is listed
improperly
inspection
insuffi.
is
in place of
is getting
is out
is used
is working
it
it's
jarring
just
keep
keep clean
left
let
list
listed
load
look for

BASIC

TECHNICAL

lock
loosen tension
lose power
lowtransmission range
lubricate
lubrication fitting
M 113A 1
master switch
master switch is off
moving parts
N portion
normal reading lights
oil
on collar
open end element
open the valve
organizational mainten
outlets
outride power
overheats
pin on body
pivot steer
power flow
power plant
precharge pressur.
press the starter swit
primary and secondary
filters
pulls to side
pull out full power
quick disconnect
coupling

radiator cap
radiator fins
range
range selector
range selector level
recharge
red zone
ride too hard
runs hot
runs rough
runs the engine
runs off/start switch
running the hull
shock
shock absorbers
shut off valves
spring clip
sprockets
stalls
starter

TASK: 071-333-6518 cont....

GENERAL

loose
low
make sure
malfunction
malfunctioning
material
mildew
more
mountain
move
need
need to
never
next to
no
noise
normally
not
note
notes
noticeable
obvious

on both sides
on its end
or
other
out of adjustment
perform
pinched
place
point
problem
produce
puffs black smoke
pull away
pull out
pump up
pump into
push in
put
put back
reaches
reads
regularly
release
remove
replace
report (v,n)
rests on
rotate
run back and forth
runs out ()
sand

BASIC

TECHNICAL

start position
suspension
switch
the carrier
the element
the filter
tighten tension
two start
transfer gearcase
transfer gearcase oil
transfer gearcase runs
hot
track adjuster
track shrouds
track tension
tracks
transmission
transmission oil level
transmission oil high
tempera: warning
light
troubleshoot
turn on
vent hole
warm air outlet
warning lights

TASK: 071-333-6518 cont....

GENERAL

second
sections
shades
sharp turns
short turns
should
shut off
sides
sinus
ship
shows
shut doen
sloping ground
smooth level ground
snow
soft ground
so hard
stays

stop
straighten
suitable
take away
tap
tell
temperature
temperature comes down
test
than
that
the above
the bottom
the find
the outside
the rest of
then
there are
through
through one
tight
to knock
to knock out
to run
to see
to work
too low
too much
top
touches
turn of
turn on
try to
try to start

268

TASK: 071-333-6518

GENERAL

under
until
use
usually
warm
warmer
warning
wash
water

wear
weather
what ever
which
when
while
will go forward
with
with
within
won't

0. wrong
you'll
your
yourself

MOS 19D

TASK NUMBER: 071-333-6519

TASK: *Emergency response and...*

GENERAL

abandon
after

base
behind

completely

detected
downward

extinguish

fire
from

given

inside

located

make sure

out of
outside

point
pull
pull-out

release
remove
rotate

seconds
set-off

using

vehicle

within

BASIC MILITARY

crew

evacuate

TECHNICAL

activating handle

brackets

crew compartment

driver's compartment

engine fire compartment
exterior activating handle

fixed fire extinguisher

handle

interior fire extinguisher
activating handle
interior left wall

M113A1

nozzle

personnel compartment
portable fire extinguisher
pull the trigger

right rear

safety pin

top left dock

MOS: 19D

TASK: 071-333-6520

TASK TITLE: PERFORM BEFORE-OPERATION DAILY PREVENTIVE MAINTENANCE CHECK
AND SERVICES ON AN M113A1.

GENERAL

a tool (n)
about
add
adjust
all (of)
any (n)
are closed
around
as desired
as needed
as soon as possible
at any time
bad
bare
be removed
be worn
before
bent
between
blank (adj.)
broken
can
can't
capabilities
capability
check (n)
clean
cleaning equipment
(is) closed
comes from (originates)
condition
connect
correct (v)
damage
do not touch
down (adj.)
during
each
fastenings
find
flashlight
for
function
(is) gone
half way up
hours of darkness
if
in good shape
is broken
is planned

BASIC

barrel is free
of obstacles
basic issue items (E.I)
caliber .50 machine gun
car protection
in accordance with
inspect
inspections (n pl.)
is clear of amm-
unit
machine gun mount
obstructions
operators
performance measures
required (past part.)
secure (adj.)
the crew
the task

TECHNICAL

add and full marks
air cleaner element
air cleaner restriction indicat
ammunition box locking latch
amplifier AM 1780/VRC
AN/VRC-1
are set
as an assembly
bare metal
bare wires
before operation checks
and services
bolt
bolt heads
breather hole
C-2297/VRC cable connectors
callout
carbon monoxide gas
chipped paint
clamps (n pl.)
communications
connectors
coolant
coolant cap
cooling system
correct assembly or storage
cracked or broken insulation
crew member intercom set control
CVC helmet cable connectors
DA FORMS 2408-1 & 2404
differential
differential oil level
dipstick
electric wires
engine
fan gearbox
fan gearbox oil level
fastenings
filter neck
final drives
fire extinguishers
fittings (n pl.)
fixed extinguisher bottle
fluid lines (n pl.)
for secure mounting
gage rod tube
gaps (n pl.)
gearcase filter cap
hard
hoses (n pl.)

MOS: 19D

TASK: 071-333-6520

TASK TITLE: PERFORM BEFORE-OPERATION DAILY PREVENTIVE MAINTENANCE CHECK
AND SERVICES ON AN M113A1.

GENERAL

BASIC

TECHNICAL

it's
job
locked (past part.)
look at
make (annotate)
make sure
may have occurred
mechanic
missing
must
must be removed
necessary
next
no
not
noted=(NB)
numbers
obvious
of course
oil (n)
on
one
only
open
page
parts (n pl.)
play it safe
possible
press
pressure (n)
prevent
previous
prior to
refer to
replace
report
report (v)
safe
serviceable
should
show
slowly
so
spots (n pl.)
stain (n)
starting
the bottom
the item
the picture
them

NONE

hydraulic fluid
in the window
inspection card
instrument and warning light
panels
interior
is locked up
leaks (n pl.)
lens tissue
lines (n pl.)
locking wire
loose or broken connections
looseness
LO 9-2300-257-12
master switch
missing items
missing parts
M113A1 carrier
N (neutral) range
oil levels
outside pull handle
overfill (v)
periscopes (n pl.)
portable
power
power plant access panels
preventive maintenance
radiator
range hydraulic fluid reservoir
reduce speed to idle
(650-700 RPM)
reset
run the engine at 1000 rpm
rust
set hand throttle
screws
shift lever
sight indicator
sight window
the seal
the sleeve
TM 9-2300-257-10
transfer gearcase
transmission
transmission oil level
volume knob
wear (n)
welds (n pl.)
wires (n pl.)
yellow band
yellow mark

MOS: 19D

TASK: 071-333-6520

TASK TITLE: PERFORM BEFORE-OPERATION DAILY PREVENTIVE MAINTENANCE CHECK
AND SERVICES ON AN M113A1.

GENERAL

BASIC

TECHNICAL

then (afterwards)
these
this
tighten
to hearing
to see
touch
until
use
warning
weighed
welded together
wet (adj.)
when
where
with
within
you think (believe)
your

NONE

NONE

MOS 19D

TASK: 071-333-6521

TASK NAME: PERFORM DURING-OPERATION DAILY PREVENTIVE MAINTENANCE CHECKS AND SERVICES ON AN M113A1

GENERAL

a light
above
air cleaner
after good run
all
any
areas
as well as
at
at any time
be
be alert
blue-black
burn
can
capability
changes
check
checks
clean
cleaning
cold one
come on
correct
dark
deficiencies
depend on
dirty
due to
during
enough
everytime
exact
except for
feel
figure 1
find out
following
get to know
halts
hand
heats up
hotter
if
improper
indicator
inspection
is equipped with
is on

BASIC

crew
issue items

TECHNICAL

air cleaner
accelerate
accelerator pedal
air cleaner condition
air cleaner element
air cleaner restrictio
indicator
bearing
binding
black dot
braking
carrier
carrier operations
controls
DA Form 2404
differential steering
lever
differential oil
element
engine exhaust
engine load
final drive bearing
final drives
grabbing
green sleeve
hand throttle
hubs
idler wheels
idler wheel hubs
instrument panel
locked up
maintenance
red
road wheel hubs
rubber dome
services
the choke
they've been working
wheel hubs

274

TASK: 071-333-6521

GENERAL

BASIC

TECHNICAL

is up to
it's off
lay
look like
many
may
means
needs
necessary cleaning equipemnt
next to
no good
non-correctable
normal response
noted
observe
only
on
once in a while
part way up
position
presence
press
report
reset
right away
see
should
smoke
smoking
so
speed
stop
tell
that
those
warm up
when you're checking
use
which
why
will
window

MOS: 19D

TASK: 071-333-6522

TASK NAME: PERFORM AFTER-OPERATION PREVENTIVE MAINTENANCE CHECKS AND SERVICES ON AN M113A1

GENERAL

above
according to
add
after
air
all
allowing
allows
any
around
as
at
at LEAST
before
between
bottom
break
broken
bubbles
by
capability
careful
checks
circulate
clean
cleaning out
clear
close
cold
comes on
comes out of
comes up
conditions
container
cooling
correct adjustment
cracked
cracks
crawl
damage
deficiencies
directly
do
during
dusty
each
easily
enough

BASIC

crossbar
inspect
inspections
organizational maintenance
perform
performance measures

TECHNICAL

access corners
adjuster rod
after-operation
preventive main-
tenance
checks and services
air cleaner
aircleaner element
air cleaner indicator
aligned
are installed
bearing
belt tension
carrier
container
coolant pump
coolant pump belts
cracks
DA Form 2404
deposits
dipstick
drain
drain plugs
drain valve
driving lights
engine oil level
equipment historical
record
exhaust system
fan drive belt
fan drive butts
filler cap
filler neck
final drive bearings
fuel filters
fuel system
fuel tanks
halfway
halt
have to
hotter
if
improperly
in accordance with
insecurely
in shape

TASK: 071-333-6522

GENERAL

BASIC

TECHNICAL

entries
every
expansion
feel
fill
fill up
find
for obvious danger
good
guess
look
looseness
make
make sure
minutes
missing
more than
must not

names
necessary cleaning equipment
needed
needs
next to
more
noted
take out
that
the ones
these
there is
this
through
tight
till
try to lift
two
under
until
very
wait
warm up
water
watertight
wear
when
will
with
within

look
looseness
make
make sure
minutes
missing
more than
must not
names
necessary cleaning
equipment
needed
n

TASK: 071-333-6522

GENERAL

one
only
open
operator's
overfill
out of
operation
parts
primarily
properly
pushing
reinstall
remove
replace
right
run
runs out
safe operation
sandy
seals
secondary
see
see that
seems
s could be
slowly
so
squirrel
stay in
strap
steel
suitable

BASIC

TECHNICAL

generator belt
grease-filled hubs
headlights
high and low beam
hubs
hull access and drain
idler
idler wheels
instrument panel lights
lights
maintenance
master switch
mounted
normal temperature
oil
operating-range marks
plugs
power plant compartment
pressure relief valve
pulleys
red zone
roadwheels
service
shock absorbers
shocks
sight glass
should
show
sprockets
suspension
tension bars
the brakes are set
the element
to lose power
v-belts
wheel hubs

275

MOS: 19D

TASK:

TASK NUMBER: 071-333-6523

GENERAL

against
anchor
apply
at least
attach
attaching (ger.)
both
by
cause(v)
causing (pres.part.)
comes in contact with
connect...together
contact (v)
damage
extra
feet
from
goes over
in diameter
injury
log
long
obstacle
one
or
other
other than
passing (ger.)....through
place
power
probably
procedure
pulling (pres.part.)
reach
same
slack
so (that)
taken up (will be)
the ends (n. pl.)
the inside (n)
the outside (n)
two
underneath
unnecessary
using
will
wire
without

BASIC

BII (basic issue item)
crew members
performance measures
personnel
recover
vehicle

TECHNICAL

bellied disablement
cables (n.)
fenders
M113A1
parts
self recover
standing
tow cable
tow hook
tracks

MOS: 19D

TASK: 171-139-1000

TASK NAME: RECOVER A TRACK VEHICLE BY SIMILIAR VEHICLE OR TRACK RECOVERY VEHICLE

GENERAL

affords
all
amount
apply
are damaged
are installed
are involved
as soon as
as....possible
at least
available
before
breaks
can
center
close
comes onto
condition
cross
damage
danger
depth
determine
driver
during
entangling
entered
equal weight
firm
following
from
given
good
great force
greatest
ground
have....be
if
in
injury
length
maintain
make sure
mired
moving apart
needed

BASIC

BII
crew
gun tubes
organizational form
optical sights
performance measures
personnel
recover

TECHNICAL

alignment
brakes
cable whip lashing
driver hatches
fender
gear reduction
ground guides
gun tubes ramming
in reverse
locking pins
reverse gear
rig
roadwheel
tow bar
tow cables
tow hooks
towing
towing shackles
towing pintle
towing
track recovery veh^l 'e
tracks
track vehicle
turret
whiplashing

250

MOS: 19D

TASK: 551-721-1920

TASK TITLE PERFORM BEFORE-OPERATION DAILY PREVENTIVE MAINTENANCE CHECKS AND SERVICES ON A 1/4-TON SERIES VEHICLE

GENERAL

abrasions
adjusted
binding
bolts
capability
conditions
connections
cracks
cuts
deficiencies
detect
dot
entires
equipment
evidence
exterior
fix
fluids
fresh air
fuels
gouges
improper
indication
instruments
intake
items
labeled
leakage
loose
missing
noted
notify
nuts
obstruction
oil
order
prior
procedure
repaired
unserviceable

BASIC

authorized
BII
columns
crew compartment
in operable
inspect
mission failure
mounting
seat belts
snap fastener
spare tire
strap
supervision
wire mesh

TECHNICAL

brake master sylinder
brush guard cover
component system
cool panel ventilator
DA Form 2404-1
designated interval
engine oil level
equipment is not readi
available
engine
exhaust fumes
exhaust leaks
filler cap
fording value
Item No.
readily available
for readiness reportin

goes for DX
heading
interval
items
locking pins
master cylinder cap
organizational
maintanance
seat locking pins
tail pipe extension
towing pintle
walk around cheeks
windshield hinges

281

MOS: 19D

TASK: 551-721-1921

TASK NAME: PERFORM DURING OPERATION DAILY PREVENTION MAINTENANCE CHECKS AND SERVICES ON A 1/4-TON SERVICE VEHICLE

GENERAL

adjusted
authorized
binding
bolts
broken
capability
chipped
connection
cracks
deficiencies
deterioration
dip
dot
equipment
evidences
fix
fluid
frays
grabbing
hem
improper
ineffective
inoperative
noise
noted
notify
nuts
outlined
procedures
repaired
security
serviceability
slipping
sway

BASIC

brake
brake pedal
brakes
braking operation
column
fittings
inspect
latches
vehicle

TECHNICAL

accelerator
back end
BII
brake pedal free travel
chatterny clutch
clutch free travel
choke
component/system area
DA Form 2404
DA Form 2408
deadlined
deadlined states
engine components
exhaust fumes
exhaust manifold
fan belts
filler necks
fittings
generator/alternator
interval
item no.
items to be inspected
leakage
mounting
operator's entries
organizational history
records
service brakes
shifting
steering
throttle control
1/4 ton series vehicle
unstablehandling
weather stripping

282

MOS: 19D

TASK: 551-721-1922

TASK NAME : PERFORM WEEKLY/MONTHLY PREVENTIVE MAINTENANCE CHECKS AND SERVICES ON
A 1/4-TON SERIES VEHICLE

GENERAL

abrasions
column
control
corrosion
cuts
damage
deficiencies
excessive
exterior
gouges
improper
incorrect
labeled
leaking
loose
noted
oil
wear

BASIC

authorized
crew

TECHNICAL

battery terminals
BII
brake free travel
broken weld
clutch free travel
DA Form 2404
DA Form 2408-1
electrolyte level
external engine compon
frame/body
fuel lines
generator/alternator
hand brake
interval
item no.
locking pins
master brake cylinder
mission failure
preventive maintenance
organizational/point
radiator
shock absorber
spare tire mounting
tire pressure
towing pintle
tread depth
u-joint
windshield hinges

MOS: 19D

TASK: 551-721-1923

TASK NAME: OPERATE A 1/4 TON SERIES VEHICLE

GENERAL

apply
avoid
control
depress
engine
gently
grades (on a hill)
ice
increase
install
in reverse
maximum
minimum
need
release
reverse
sand
set
snow
steep
turn over

BASIC

personnel
switch (n)
tire chains
vehicle
various terrain

TECHNICAL

accelerator pedal
battery generator gage
BII
brake pedal
carbon monoxide
clutch pedal
four-wheel drive lever
gear shift lever
gear lever
hand brake
instrument panel
light switch
mph
neutral
normal reading
oil pressure gage
parking lot
poisonous
preventive maintenance
check
psi
shift lever
shielding
spin the tires
stop light operation
transmission gear
ventilated

254

MOS 19D

TASK: 551-721-1924

TASK NAME: SELF-RECOVER A 1/4-TON SERIES VEHICLE

GENERAL

a last resort
area
available
backward
bar
beneath
clear
convenient
damage
decrease
dig
empty
fasten
firmly
forward
gently
hole
insert
item
log
lurch
make sure
pull out
rest
reverse
rock
rope
select
stand clear
stow
underside
wake up
wheel
wind in

BASIC

ammunition container
assistant
belt
boot laces
chair
duffle bag
injury
personnel
stand clear

TECHNICAL

anchor
axle flange
breaker bars
field expedient method
four-wheel drive operation
mired
planks
rear wheel winding
reinflate
reverse gear
ropes
self recover
spin the wheels
tarpaulin
the log method
tire chains
tire pressure

MOS: 19D

TASK: 051-196-2502

TASK NAME: DETERMINE PERCENT OF SLOPE OF TERRAIN USING A MAP

GENERAL

add
also
always
be determined
calculate
conditions
determine
distance
erroneous
example
figure
formula
given
greatest
height
locate
measure
only
percentage
total
while
would

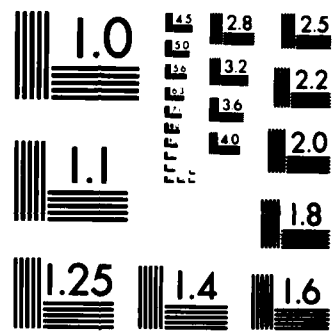
BASIC

contour line
field
map
meter
terrain

TECHNICAL

contour interval
designated route
elevation
horizontal distance
interval
percentage
point
slope
total route distance
vertical distance

254



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963 A

MOS: 19D

TASK NUMBER: 071-331-0809

TASK: Emplace and recover field expedient warning devices

GENERAL

BASIC

TECHNICAL

across
against= in opposition to
allow
along (prep)
and
another
approaching (pres. part.)
at
attach
attached (past part.)
basic
be (inf.)
before
below (adv.)
bottom (n.)
bright
brown
brush against
by
can (mod.)
cans (n. pl.)
cloth (n.)
color (n.)
color (v.)
components (n. pl.)
(will) conceal
container (n.)
containers (n. pl.)
consider (imp.)
construction
could (mod.)
cover (imp.)
cut (imp.)
daylight (n.)
different
discharged (past part.)
easily
either...or
etc.
finish (n.) = surface coating
flat back
following (pres. part.)
forewarning (n.)
four (det.)
given (ger.)
hard
have (as verb of cause)
hear
 ding (ger.)
 hes (n. pl.)
if
if not
imagination (n.)

ammunition boxes
attachment device
avenue of approach
barner wire
brass ammunition casings
c-rations
c-ration can
concealment
(in) defensive position
defensive position
devices (n. pl.)
emplace
emplacement
enemy (n.)
enemy advance
(of) enemy advancing
enemy detection
O.D.
personnel (n.)
position (n.)
recover
recovery
route (n.)
section/crew member
security (n.)
small arms ammunition
take a position
WT-1 communication wire

defensive listening post
field expedient
warning devices

MCS: 19D

TASK NUMBER: 071-331-0809

TASK: Emplace and recover field expedient warning devices

GENERAL

in
in place
is
it (3rd person prn. do.)
knee
known (past part.)
leaving (ger.)
likely (adj.)
(are) limited (post. part.)
location
make a noise
(to) make sure (inf. phr.)
meet (v) = comply with
metal (adj.)
minutes
mud
must
natural
(are) needed (past part.)
night
noise (n)
noise-maker
noise-making
objects (n. pl.)
observable
only
or
other
paint (imp.)
pebbles (n. pl.)
peice (n)
place (v)
produce (v)
produced (past part.)
put (past part.)
readily
reduce
removable
securely
(is) shaken (past part.)
shiny
side (s)
similar
simplicity
small
specifications (n. pl.)
specified (past part.)
spot-location
stones (n. pl.)

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MOS: 19D

ASK NUMBER: 071-331-0809

ASK: Emplace and recover field expedient warning devices

GENERAL

BASIC

strinz (n)
subdued (past part.) = loud
suspected (past part.)
that (rel)
their (poss. adj.)
thirty
(to) tie (inf.)
time (n)
toward
upon (prep)
use (imp)
used (past part.)
using (ger.)
vegetation
(to) warn (inf.)
water drainage
well-defined (adj.)
when
where (rel.)
which (rel.)
wind resistance
• re (n)
thin
without
your (poss. adj.)

MOS 19D

Task Number: 071-331-0811

Task Title: Emplace/recover electronic anti-intrusion devices

GENERAL

acceptable
actual (adj)
adjacent to
aircraft (n)
airfields
all
allows (v)
and
any
approximations
area
areas (n)
around
as
as much as
as well as
at night
avoid
away from
batteries
be
be able to
being
between (prep)
body (n)
body (adj)
both (adj)
broken (adj)
brush (v)
buried (past part)
bury
by
can (be arranged)
cannot
cause (v)
caution
checkout (n)
clean (adj)
clip (v)
conditions (n pl)
connect
connecting (pres part)
could
cracked (adj)
cuts down on (reduces)
damage
damaged (past part)
daylight (adj)
debris
decrease
defective
(is) defined

BASIC

camouflage
emplace
emplacement
inspect
install
intrenching
meters (n pl)
performance measure
personnel
recover
recovery
supply (n) (unit)

TECHNICAL

activating (ger)
alarm set
alarm set carrying case
amplifier
antenna (n)
anti-intrusion devices
background noise
cable (n)
cable movement
carrying cases
case (n)
checkout area
clips (n pl)
configurations (n pl)
connecting cable
converts (v)
(is) deployed
deployment location
detection range setting
detector (n)
detector (set)
detection on/off sensitivity
switch
detector operator
detector range
detector sensitivity
detector unit
electronic
(will be) emplaced
frequency
geophone (n)
geophone cables
hand-deployed
headband
headset (n)
headset cable
holder
impedance
input impedance
level (n)
off position
off vertical
on/off sensitivity switch
on position
patrol seismic intrusion device
(PSID) detector unit
personnel movement
picks up (signal)
pocket-deployed
position 1
PSID receiver
PSID unit

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MOS 19D (CONT.)

GENERAL

BASIC

TECHNICAL

degrees (n pl)
 desirable
 determine
 dirt
 dislodge
 distance (n)
 • disturbances (n pl)
 drive (push)
 dry (adj)
 due to
 • during
 each (n)
 each (det)
 either...or
 end (N)
 equipment
 establish (determine)
 exists (v)
 experienced (past part)
 false
 fasten
 fig.= figure (n)
 foilage
 four (4)
 free of
 • from (prep)
 gently (adv)
 get to (arrive at)
 (have been) given = assigned
 gives (emits) (v)
 grasping
 ground (n)
 ground (v)
 ground (adj)
 hard
 hear (v)
 (is) heard (past part)
 heavily (adv)
 heavy
 held (past part)
 high = strong
 • higher
 hours (n pl)
 ideal
 if (conj)
 in accordance with
 in all cases
 inconjunction with
 (is) in contact with
 in place of
 such a manner
 in the hand
 in turn
 in use
 inches (n pl)

pulse codes
 pulsed audio tone
 radius of the detector range
 range
 (poor) reception
 receiver (n)
 receiver configuration
 receiver on/off switch
 receiver operator
 receiver sets
 RF frequency
 sensitivity range
 sensitivity selection
 set up (n) = installation
 signals (v)
 (radio) signal
 speaker (piece of equip.)
 storage clip
 storage configuration
 switch
 table, ground or tone (n)
 trace along
 transmit (v)
 transmitted (past part)
 (is) transmitting (pres part)
 unit (set) (n)
 use area
 wire (n)

MOS 19D (CONT.)

GENERAL

(will) indicate
indicating (ger)
into (prep)
it (3rd pers subj pn)
it (3rd pers prn dir obj)
less (adj)
location
loosen
low
low-flying (adj)
make sure
malfunction (n)
(are) marked
marked (past part)
match (v)
matching (ger)
maximum (n)
may (aux)
meaningless
message
(be) met
meter (n) = measure of dist.
might (aux)
mile
minutes
(will be) mislaid
move (n)
movement
moves (n)
nearest
necessary
next
no (adj)
no more than
none
not
(should be) noted
notice (v)
number (quantity)
object (n)
obstruction (n)
off (prep)
on the side
one (n)
or
other
outside (prep)
over (prep)
pauses (n pl)
perspiration
place (turn on)
(be) placed (past part)
plastic (adj)
poor = bad

297

MOS 19D (CONT.)

GENERAL

position (v)
possibility
preceding
preparation
present (adj)
present (v) = pose
procedure
proper
pulling loose
push...down
rain (n)
reject
relocate (v)
removed
repair (v)
repeat
return
return to - put back
returned (turned in)
roadways
same
select (v)
senses (v)
sharp
shipping carton
shirt pocket
should (aux)
shown (past part)
similar
slide...back over
small
so (that)
soil (n)
sources (n pl)
spare (adj)
stamping (gerund)
stick (n)
storage
straight (adv)
striking (ger)
suffiecient
suitable (adj)
sure
(will be) taken
that (which) (rel)
that (connector)
their (det)
there is
this (n)
those (n pl)
rough
touching
travel (n)

MOS 19D (CONT.)

GENERAL

traveled (past part)
traveling (pres part)
turn to
twigs (n pl)
two
unclip
uncover
under (prep)
undesired (past part)
unpacking (ger)
until
unwind (v)
unwrap (v)
(maybe) used (past part)
usually
(be) utilized
vehicles
vibration
weeds (n pl)
wet (adj)
when
where (rel)
which (rel prn)
which (adj)
while
wind (n)
wipe
with (prep)
within
(will not) work
wrap (v)
wrong (adj)

MOS 19D (CONT.)

GENERAL

in
in place
is
it (3rd person prn do)
knee
known (past part)
leaving (ger)
likely (adj)
(are) limited (past part)
location
make a noise
(to) make sure (inf phr)
meet (v)-comply with
metal (adj)
minutes
mud
must (mod)
natural
(are) needed (past part)
night
noise (n)
noise-maker
noise-making
objects (n pl)
observable
only
or
other
paint (imp)
pebbles (n pl)
piece (n)
place (v)
produce (v)
produced (past part)
put (past part)
readily
reduce
removable
securely (past part)
(is) shaken (past part)
shiny
side (s)
similar
simplicity
small
specifications (n pl)
specified (past part)
spot-location
stones (n pl)
string (n)
tring (v)
subdued (past part) loud
suspected (past part)
that (rel)
their (poss adj)

MOS 19D (CONT.)

GENERAL

thirty
(to) tie (inf)
time (n)
toward
upon (prep)
use (imp)
used (past part)
using (ger)
vegetation
(to) warn (inf)
water drainage
will-defined (adj)
when
where (rel)
which (rel adj)
wind resistance
wire (n)
within
without
your (poss adj)

MOS: 19D
TASK: 071-331-0813
TASK TITLE: EMPLACE/RECOVER AN M49A1 TRIP FLARE

GENERAL

above
after
against
aligned
aligned with
and
applied
approached
approximately
area
as possible
at
attached
be
because
before
being
below
between
both
bottom
by
carefully
cause
centered
check
clamp
depress
designated
desired
detach
disposal
distance
edge
end
enough
facing
failure
fasten
feet
fired
firmly
for
force
forwarded
free
from
function
grip
ground
hand

BASIC

arm
arming
authorized personnel
disarm
employment
for firing
given
misfire
order
to fire

TECHNICAL

bracket
bracket prongs
carriage bolt
cover loading assembly
early warning device
emplace
flare
flare base
flare body
flare trigger
recover
lever
M 49A1 trip flare
mount
pullpin
pullpin method
safety clip assembly
the safety
trip wire

TASK:071-331-0813

GENERAL

BASIC

TECHNICAL

having
hold
holding
holes
if
inches
in case of
in contact with
in such a manner
in this position
insert
installed
inserting
is prepared
is returned
into
is centered
is moved
is positioned
it
its
loop
loose
make certain
make no attempt
method
minutes
must
nailing
nails
no more than
not
note
now
object
of
one (det)
only
or
original
other
packing
past
po t
press
pressing....down
pressure
proper
provided
pull

TASK: 071-331-0813

GENERAL

BASIC

TECHNICAL

reassemble
reassembling
release
releasing
remove
removed
receiving
rigid
secure
should
slide downward
snap
stake
still
suffieient
taunt
that
there
through
tighten
tightening
tightened
to move
to see
to the left
to the right
two
until
upper
used
using
usually
vertical
waiting room
warning
was
when
while
will
with
wire

MOS: 19D

TASK: 071-326-5705

TITLE: ESTABLISH AN OBSERVATION POST (OP)

GENERAL

above
adequate
after
against
alert
all
allows
along
and
another
appropriate
are established
are operated
area
avoid
avoided
backed up
bad
because
be given
be
before
best
can
carefully
closer to
communication
competent
conditions
counter
darkness
decreases
defense
derived
detectable
determining
difficult
does
down
during
each
early
endanger
effective
every
except
forward
effeciency
employs
equipped with
establish

BASIC

assigned
avenue of approach
defensive position
designated area
detect
detection
emplace
enemy activity/approach
forward of
military crest of a hill
on the flanks of
platoon
platoon leader
radio
section
small arms range
squad leader
topographical crest of a hill
wire

TECHNICAL

TA-1/PT
TA-312/PT
TOE equipment

TASK: 071-326-5705

GENERAL

BASIC

TECHNICAL

even when
exist
for
from
general
generally
given
going
has
have to
information
is restricted
length
limited
listen
location
locations
maximum
may
means
men
minimum
more
• most important
move
movement
moving into
must
natural
near
necessary
night
not
observation
observe/s
occupants
of
often
operate
on
one
or
periods
primary
position
positioned
possible
possibility
probable
provide
radio
rapidly

TASK: 071-326-5705

GENERAL

Records

reports
requirement
reveal
routes
selected
selection
separate
series
site
slope
smoke
so
so that
specified
supplemented
supported
siwtch
their
that
this
the other
therefore
these
time
to listen
to serve
two
types
upon
use
usually
warning
weather
well
whether....or
which

will be
will select
within
would
visibility
visual
your

302

MCS: 19D

TASK NAME: CLASSIFY A ROUTE AND PREPARE AN OVERLAY

TASK NUMBER: 051-196-2501

GENERAL

assigned (p.p.)
classify
given (p.p.)
measuring tape
overlay
overlay paper
paper
pencil
prepare
route
submit (turn in, hand in)
you (2nd person)

BASIC

binoculars
compass
crew
field environment
metric
vehicle

TECHNICAL

ARMOR BRIDGE CLASSIFICATION WHEEL
GTA 3-7-8
topographic map

303

VOCABULARY LISTS FOR TASKS BELOW TO FOLLOW:

071-327-0201
071-326-0608
113-587-2035
113-600-1011
113-600-3013
071-331-0801

0803

0814

171-337-1017
171-376-1016
071-326-0508
071-311-6513
171-286-1021
071-311-2104
071-312-3102
071-313-3455
051-190-1513
071-326-3011
171-530-1001

113-585-1064

071-331-0804

171-140-2006

031-503-2013

2004

2005

2006

3001

3003

3006

3007

3008

3012

4002

4004

171-896-2001

304

APPENDIX 7

VOCABULARY (machine-generated)

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included for a cross-reference of vocabulary.

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No

JUN 18 1980

DLI



19Dsk1

0

19D
SK.11 1

4213

~~1~~
~~2~~
~~3~~
~~4~~
~~5~~
~~6~~
~~7~~
~~8~~
~~9~~
~~10~~

AA
AB
ABANDON
ABATIS

ABC
ABC-III
ABC-III + J 1 &
ACC-117/17A1
ACC-124

APC-11
ABILITY
ABLE
ABOUT
ABOVE

AGIVE USHARPSHOOTER 1 1
AGGRESSIVES
AGGRIPT
AGNUMBER
AGNUMBER

AGENTS
AGENTS
ACCELE 10 FATOR
ACCELE 1A & J 3
ACCELERATE

ACCELERATOR
ACCELT
ACCESS
ACCESSORIES
ACCESSORIES J J MID24C28H

ACCIDENTALLY
ACCIDENTAL
ACCIDENTLY
ACCOMPLISHED
ACCOMPLISHED

ACCUMULANCE
ACCUMULATING
ACCOMPLISHING
ACCOUNTABILITY
ACCOUNTABLE

3

ALPHA LIST

16

6	ACCUMULATOR
19	ACCURACY
6	ACCURATE
4	ACCURATELY
1	ACCUSTOMED
4	ACUTE
3	ACID
3	ACKNOWLEDGEMENT
3	ACK
7	ACK-125
17	ACQUIRE
3	ACQUIRED
1	ACQUIRING
4	ACQUISITION
19	ACROSS
1	ACT
35	ACTION
1	ACTION I
1	ACTION II
2	ACTION J
2	ACTION K
7	ACTIONS
5	ACTIVATED
2	ACTIVATION
2	ACTIVATOR
1	ACTIVE
4	ACTIVITY
7	ACTUAL
1	ACTUATE
2	ACCOUNTING
2	ACTUATOR
1	ACTUATOR
1	AD 1- J
1	ADA
1	ADAPTABLE
21	ADAPTER
2	ADAPTERS
37	ADP
1	ADP
3	ADPEE
4	ADP I G
2	ADDITION
6	ADDITIONAL
1	ADDITIONALLY
2	ADJULATE

AD

13 ADJUST & J S
 58 ADJUST
 1 ADJUST I - J
 13 ADJUSTED
 6 ADJUSTER
 7 ADJUSTING
 38 ADJUSTMENT
 11 ADJUSTMENTS
 1 ADJUSTS
 1 ADJUST
 2 ADMINISTRATION
 4 ADMINISTRATIVE
 1 ADMINISTRATOR
 3 ADMINISTRATIVE
 4 ADMINISTRATOR
 2 AERIAL
 2 AERIAL
 4 AF
 3 AFFECT
 1 AFFECTED
 2 AFFECTS
 2 AFFORDS
 1 AFT
 93 AFTER
 5 AFTER-OPERATION
 1 AFTERSHAVE
 4 AG
 17 AGAIN
 20 AGAINST
 1 AGAINST
 12 AGENT
 3 AGENTS
 4 AG
 2 AM-1
 2 AMTRAC
 4 AI
 1 AI IF & J S
 2 AI
 1 AIGEP
 19 AI
 4 AILET
 25 AIRING
 61 AIR
 1 AIR-DRY
 1 AIR-TIGHT

2	AIRPANE
15	AIRPAX
1	AIRBKST
1	AIRBKSTS
31	AIRCRAFT
1	AIRCRAFT → J *
1	AIRPLCNED
1	AIRSPACES
4	AJ
2	AK
2	ALANI
3	ALAKIS
3	ALCIBUL
2	ALERT
1	ALERT I
1	ALPATED
23	ALIGI
12	ALIGIED
1	ALIGING
9	ALIGIENT
2	ALIGIS
198	ALL
1	ALL
1	ALL-LEATHER
21	ALLOI
2	ALLOID
2	ALLOING
3	ALLOINS
2	ALLOST
2	ALLORE
11	ALLOIG
1	ALLOINGSIDE
2	ALLOIETTE
2	ALLOIA
6	ALLOIAY
21	ALLOI
7	ALLOIATE
4	ALLOIUGH
2	ALLOIUCH
13	ALLOIAYS
2	AM
4	AM-178C
1	AM-178C/GRC
3	AM-1780/VRC
3	AM-2160

1 AN-2760/GRC
 2 AN-2760A/GRC
 3 AMPLIFIER
 5 AMPU
 71 APPROPRIATION

2 AMPLIFICATION + J *-----
 10 AMPLIFIER
 11 AMPLIFIER
 12 AMPLIFIER
 6 AMPLIFIER

9 AMPLIFIER-POWER
 3 AMPLIFIER + J
 1 AMPLIFIER + POWER
 1 AMPLIFIER
 2 AMPLIFIER

256 AN-12
 1 AN/GFA-39
 2 AN/GFA-39 + J *-----
 2 AN/GFA-39A

2 AN/GFA-39B
 1 AN/GFC-160
 2 AN/GFC-25
 1 AN/GFC-25 + J *-----
 12 AN/GFC-77

1 AN/PFS-11
 1 AN/PFS-7
 2 AN/PFS-11
 1 AN/PFS
 24 AN/PVS-2

1 AN/PVS-2 + J *-----
 1 AN/PVS-2
 7 AN/PVS-4
 1 AN/VIC-1
 1 AN/VIC-1

12 AN/VFC-12
 1 AN/VFC-12 + J *
 19 AN/VFC-46
 7 AN/VFC-47
 2 AN/VFC-64

1 AN/VFC-64 + J *
 1 AN + J *
 2 AN/HRK
 256 AN/HRK
 1 AN/HRK WITH

7

7 AMP/LK
 1 AND I I
 2 AND I I
 1 AND J I I
 1 AND J J L N10PC
 1 AND + J I *
 1 ANFJ
 20 ANGLF
 1 ANGLFS
 2 ANNUICE
 20 ANUTER
 3 ANULER
 1 ASSURED
 2 ANSWERING
 1 ANSWERS
 2 ANT
 60 ANTENNA
 1 ANTELEAS
 2 ANTELEAS
 2 ANTIACRAFT
 1 ANTIARER
 2 ANTIARER
 4 ANTICIPATED
 1 ANTIPOGGING
 1 ANTIPOGGING
 5 ANTIPERSONNEL
 11 ANTIPTANK
 62 ANV
 5 ANVJIE
 2 ANVJIE
 1 ANVJIE
 4 AP
 5 APART
 10 APC
 1 APFS
 2 APFTURE
 1 APFSOS
 21 APF
 2 APPARATUS
 1 APPARATUS + J *-----
 1 APPARENTLY
 1 APPEAR
 1 APPEARANCE
 1 APPEARS
 1 APPEL DIX

8

12 APPLICABLE
12 APPLIED
43 APPLY
1 APPLY I
1 APPLY + J

7 APPLYING
1 APPLYS
6 APPEALACH
2 APPEACHES
1 APPEACHING

20 APPROPRIATE
1 APPROPRIATE
2 APPROPRIATE
12 APPROPRIATELY
1 APPROPRIATELY J J I I

1 APDS
1 APT
2 APNAV
2 APNS
1 APC

1 ARC-25-72
1 ARCTIC
2 ARCTIC
2 ARK
743 ARKA

1 ARKA + J *
1 ARKA S
15 ARKAS
1 ARKAT
1 ARKU

31 ARU
2 ARU-21-F-HANG
15 ARU-21-F-PIERCING
7 ARU-21-F-PIERCING
22 ARU-21-F-PIERCING

2 ARU-21-F-PIERCING I
6 ARU-21-F-PIERCING
1 ARU-21-F-PIERCING
31 ARU-21-F-PIERCING
7 ARU-21-F-PIERCING

14 ARUS
12 ARUV
12 ARULU
2 ARU-21-F-PIERCING
1 ARU-21-F-PIERCING

9	ARCOR	
1	ARCOP'S	
2	ARC-45-74	
3	ARTIFICIAL	
4	ARTILLERY	
257	AS	
6	AS-1724/VRC	
3	AS J I I	
1	ASSEMBLY	
1	ASSTUP	
1	ASI	
1	ASIS	
1	ASPECTS	
6	ASSAULT	
1	ASSAULT/ATTACK	
14	ASSEMBLE	
11	ASSEMBLED	
7	ASSEMBLIES	
107	ASSEMBLY	
1	ASSEMBLY I V	
2	ASSIGN	
25	ASSIGNED	
2	ASSIST	
3	ASSISTANT	
1	ASSISTS	
1	ASSOCIATED	
1	ASSOCIATION	
4	ASSUME	
4	ASUMS	
277	AT	
1	AT-271A/PRC	
1	AT-592/PRC-25	
6	AT-912/VRC	
1	AT-LV	
2	ATCH	
2	ATONS	
20	ATTACH	
1	ATTACH	
13	ATTACHED	
7	ATTACHING	
26	ATTACK	
2	ATTACK + J	
3	ATTAIN	
21	ATTEMPT	
1	ATTEMPT J I	

2

0.

16	ATTEMPTING
1	ATTEMPTS
2	ATTENTION
1	ATTU
2	AU
16	AUFI
1	AUFI--RECEPTACLE
2	AUFI--RECEPTACLES
2	AUGUST
6	AUTHENTICATE
1	AUTHENTICATING
1	AUTHENTICATED
1	AUTHORITY
14	AUTHORIZED
2	AUTOMATIC
1	AUTOMATICALLY
1	AUX
3	AUXILIARY
2	AV-B
24	AVAILABLE
2	AVIABLES
1	AVIATORS
1	AVIATORS
4	AVIATION
1	AVIATION
1	AVIATION
27	AWARDED
1	AWAY
1	AXIS
20	AZIMUTH
1	AZIMUTH \$
2	AZIMUTHS
1	AZIMUTH
1	A4
1	A5
2	A6006--1
1	BACK--OVER
1	A6006--OVER J I I
2	A6006--REQUEST
6	ACROSS--THIS
1	A7
320	R
1	R
1	R
2	R J J I
1	R-----
1	R

H4

11

1 PA-110C
2 RA-3F
1 RA-4386
1 PA-438A/PRC-29
1 RAC 1K GBLAST

43
1 RACK
1 RACK-UP
8 RACKLAST
4 RACKGROUND
12 RACKPLATE

2 RACKUP
5 RACKWARD
2 RAC
2 RACLY
1 RACPLES

10 RAC
1 RACS
1 RACS--LR
2 RAIL
1 RAIL-OUT

1 RAILIUT
1 RAILIUCE
2 RAIL
2 RAILISTIC
2 RALD

9 RAYDLEER
2 RAYDLEERS
1 RAYGING
2 RAYK
27 RAY

1 RAYRED
4 RAYE
77 RAYREL
1 RAYREL I
2 RAYRELS

2 RAYRIENS
5 RAYS
17 RAYE
4 RAYEF
12 RAYEFC

1 RAYSICALLY
1 RAYTH
1 RAYTHING
1 RAYT
1 RAYTALLION

12

18	BATTERIES
1	BATTERY
1	BATTERY-GENERATOR
12	BATTLE
0	BATTLEFIELD
1	BATTLESIGHT
1	BAY
1	RAYONET
1	RAYONETS
35	RE
1	RE J I
2	REIN
1	REINS
5	REARING
2	REARINGS
2	FLATION
7	RECAUSE
5	RECIPE
2	RECIPES
1	RECOPIING
58	RECH
72	RECUPE
9	RECOPE-OPERATION
1	RECOPE P- J
2	RECHL
2	REGLINING
2	RECHS
14	RECHD
14	RECHG
1	RECHD
1	RECHV
47	RECHV
1	RECHV I T
1	RECHV I
1	RECHV J-----
17	REIT
1	REIT-HELDING
6	REITS
4	REIU
2	REIEATH
4	REIT
1	REIZENE
9	REIT
2	REITER
62	REIT-ELN

2	REVELED
7	REVOFU
1	RIGGR
25	RII
10	RILGF
1	RILITY
16	RINDING
12	RINDULAR
3	RINDULAPS
11	RINDULICAL
18	RINDU
2	RINDU-MOUNTED
1	RINDU-POSITIONED
1	RINDU-SUPPORTED
2	RINDU
16	RINDULT
3	RINDULTU
4	RINDU
2	RINDUS
2	RINDU
1	REASING
2	REAST
50	REASTING
2	RECEP
1	RECEP \$
1	RECEIVING
1	RECEIVER
11	RECEP
1	RECEPAGE
2	RECEPED
1	RECKING
1	RECKPS
1	RECT
1	RECTING
1	RECTUSE
1	RECTUSED
2	RECTY
2	RECTE
1	RECTERBLACK
1	RECT
2	RECT
2	RECT
1	RECT
1	RECT-105

14

1	BOARD	
1	BOARDS	
1	BUTT-LINE	
1	BUTLIPS	
20	BUTY	
77	BUIT	
1	BUIT-STUD	
1	BULTEU	
2	BULTS	
2	BUMPER	
2	BUMPT	
1	BUMBELS	
1	BUMBY	
1	BURBY	
1	BURBY	J & A-1050
1	BURBY	J & A-1050
1	BURBYTRAP	
1	BURBYTRAPPING	
4	BURK	
4	BURH	
5	BURSTER	
11	BURT	
5	BURTS	
53	BURF	
15	BURLESIGHT	
1	BURLESIGHTED	
1	BURLESIGHTING	AD
55	BURTH	
1	BUTLE	
22	BUTTER	
1	BUTU	
4	BURGLARIES	
51	BURK	
2	BURKES	
1	BURKIP	
2	BURKICE	
15	BURKNET	
2	BURKETING	
2	BURKETING S	
1	BURKETS	
12	BURKE	
32	BURKES	
12	BURKING	
2	BURKISHES	
1	BURKIVE	
1	BURKIV	

51

7	PRH-2
11	PRYIS
2	PRCAL
7	PRCAL J J I
	PRAKER
2	PRAPMS
6	PRATH
1	PRATHM
1	PRATHER
8	PRATHING
1	PRATHS
7	PRATH
5	PRIDGE
2	PRIGHT
2	PRIGHTNESS
7	PRITHC
1	PRITHCS
1	PRITHLES
1	PRITHSH
29	PRITHS
2	PRITH
6	PRITHING
19	PRISH
1	PRISH-SOP
1	RU
1	RUPLE
1	RUPLES
1	RUPPANEER
20	RUPDY
2	RUPFER
2	RUS
1	RUTL
2	RUTL-UP
1	RUTLING
2	RUTTINGS
2	RULT
1	RULRS
1	RULGES
6	RULGET
1	RULP
1	RUPPER
2	RUPKER
1	RUSIAL
10	RUTIFU
7	RUTU

16

1 BURNED
1 BURNING
1 BURNIS
20 BURNST
1 BURNST-IN-TARGET

9 BURNSTS
5 BURY
1 BUYING
6 BURNING
5 BURNINGS

20 BURT
1 BURTT
1 BUTTICKS
12 BUTTIL
1 BUTTIFD
1 BUTTING-UP
2 BUTTERPOLE
2 BUTTINS
10 BUTZER
20 BY

1 BYPASS
1 BYPASSED
1 C
17 CSI
1 C-PATION

2 C>E
2 CBI
2 C
40 CACLE
20 CACLES

1 CALLING
1 CAPE
1 CAI
1 CALENDAR
32 CALIFER

12 CALIBRATED
32 CALL
3 CALLED
2 CALLING
1 CALLOUTS

7 CALLS
4 CAL
2 CALLING
14 CALOR FLAGE
2 CALOR FLAGING

17

95	CAL	
4	CALIT	
14	CALISTER	
6	CALPH	
7	CALPHUS	
21	CALPHIT	
1	CALPHIES	
1	CALPIS	
6	CALIT	
4	CALITEN	
1	CALMAS	
1	CALMEL	
75	CAL	
1	CALPA J J S	
6	CAPALITIES	
16	CAPABILITY	
1	CAPAPLE	
1	CAPACITY	
7	CAPIS	
2	CAPISY	
2	CAPSCHEMS	
12	CAPSILE	
2	CAPTIVE	
2	CAPTURE	
11	CAPTURED	
1	CAPTRIRG	
4	CAC	
2	CASBEN	
40	CADD	
1	CADD + J * 1	
1	CACUS	
20	CAPLE	
2	CAREFUL	
1	CAREFUL S	
14	CAREFULLY	
1	CAREFULLY J J	
1	CAREFULLY S	
2	CARGI	
1	CARIG	
4	CARIEL	
124	CARRIEM	
1	CARRIEM-BASED	
4	CARRIEMIS	
1	CARRIEM + J *	
1	CARRIERS	

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8	CARRIERS
4	CARRY
22	CARRYING
4	CARTRIDGE
4	CARTRIDGES
1	CASUALTY
2	CASE
1	CASES
1	CASUALTY
1	CATCH
1	CATCH
2	CAUSE
2	CAUSE
6	CAUSE
1	CAUSES
4	CAUSING
26	CATION
1	CATION
2	CATIONOUSLY
1	CATION
5	CATION
4	CAUSE
2	CDC
2	CDC
1	CDC
1	CE
1	CEIVER
2	CELL
1	CELLS
1	CELLS
22	CELLER
6	CELLER
1	CELLERS
2	CELLERS
6	CELLERS
1	CELLERS
12	CELLS
1	CERTAIN
1	CERTIFIC
2	CERTIFICATION
1	CEI
1	CG-1773/L
1	CH
1	CH-47
1	CH-II
4	CH-II

10 CHARGE
 1 CHARGE I I
 1 CHARGED
 1 CHIA
 1 CHICE
 1 CHICES
 1 CHIDLE
 1 CHIED
 1 CHIEDU
 1 CHICES
 2 CHEDUNG
 2 CHIEIL
 2 CHIEDLLS
 140 CHIP
 1 CHIPS
 1 CHARACTERIS * J *
 2 CHARACTERISTICS
 1 CHARACTERAL
 10 CHANCE
 1 CHENCE
 2 CHANCES
 1 CHANES * J *
 2 CHANCING
 9 CHARLIE
 1 CHART
 2 CHASSIS
 1 CHATTERING
 1 CHC * N * J *
 260 CHECK
 1 CHECK
 2 CHECK / INSPECT
 2 CHECKED
 2 CHECKING
 40 CHECKIS
 1 CHECKIS * J *
 2 CHECKICAL
 1 CHEMICAL-BIOLOGICAL
 1 CHEMICAL * J *
 1 CHEMICAL V J
 1 CHEMICALLY
 1 CHEST
 2 CHEFTAIL
 2 CHIA
 2 CHIA
 1 CHIP
 2 CHIPPED

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8	CHIPS	
2	CHIFFON	
3	CHIFFON	
1	CHINE	
1	CHIRING	
1	CHISEL	
1	CHIPPY	
2	CHURCH	
1	CIGARETTES	
1	CIGARETTES	
27	CIGARETTES	
2	CIGARETTES	
1	CIGARETTES	
1	CIGARETTES	
4	CIRCUMSTANCES	
1	CIVILIAN	
1	CIVILIAN	
2	CLARE	
1	CLARE	
15	CLARE	
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20	CLOSED	
1	CLOSELY	
2	CLOSER	
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4	CLOSING	
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99	CLOSELY	
100	CLOSELY	

1 COMBAT
 1 COMMUNICATION
 1 COMBINED
 1 COMBUSTIBLES
 10 COPE
 16 CUPES
 3 COMPARTABLE
 2 COMPACT
 1 COMPASS-BLANK
 24 COMPASSBLANK
 4 COMPASSBLANKS
 1 COMPASSBLANKS
 1 COMPASSBLANKS
 4 COMPASSBLANKS
 1 COMPASS-TYPE
 1 COMPASS-TYPE
 1 COMMUNICABLE
 1 COMMUNICATE
 1 COMMUNICATION
 2 COMMUNICATION
 9 COMMUNICATIONS
 1 COMMUNICATIONS
 20 COPY
 1 COOPERATIVE
 2 COOPERATIVE
 1 COOPERATED
 20 COMPARTMENT
 17 COMPASS
 30 COMPLETE
 10 COMPLETED
 5 COMPLETELY
 1 COMPLETENESS
 1 COMPLETES
 2 COMPLETING
 2 COMPLETION
 1 COMPLICATED
 1 COMPLETION
 2 COMPLETION
 20 COMPLEMENTS
 2 COMPLETION
 15 COMPLETED
 1 COMPLETION
 2 COMPLETION
 20 COMPLEMENTS
 2 COMPLETION
 15 COMPLETED
 1 COMPLETION
 2 COMPLETION
 20 COMPLEMENTS
 2 COMPLETION

1 COMPUTATIONS
 1 COMPUTATIONS
 1 COMPLETE
 2 COMP - J
 2 CONFAL

 1 CONFALD
 1 CONFALING
 2 CONFALMENT
 1 CONFALS
 2 CONFALMATE

 1 CONFELD
 1 CONFELSION
 1 CONFENSED
 12 CONFITION
 1 CONFITION \$

 37 CONFITERS
 12 CONFITCT
 2 CONFITCTED
 2 CONFITCTIF
 2 CONFITCTIFS

 2 CONFITIT
 2 CONFITURATION
 1 CONFITURATION + J *****
 2 CONFITURING
 1 CONFITURIF

 1 CONFITURABLE
 1 CONFITURATION
 32 CONFITURCT
 12 CONFITURCTED
 2 CONFITURCTING

 2 CONFITURITION
 12 CONFITURITIONS
 41 CONFITURITUR
 14 CONFITURITURS
 1 CONFITURITURS \$

 1 CONFITURITURS
 2 CONFITURITURATIVE
 1 CONFITURITURER
 2 CONFITURITURIBLY
 2 CONFITURITURATIONS

 1 CONFITURITIVELY
 1 CONFITURITURING
 2 CONFITURISTS
 2 CONFITURITANT
 1 CONFITURITURING

1 CORRECT--THE
 2 CORRECTED
 4 CORRECTION
 1 CORRECTION J 93000
 2 CORRECTIONS
 17 CORRECTIVE
 17 CORRECTIONS
 2 CORRESPONDENCE
 2 CORRESPONDING
 3 CORRUPT
 4 CORRUPTED
 17 CORRUPTIVE
 1 CORRUPTIVE
 1 CORRUPTION
 2 CUTTER
 1 CUTTING
 1 CUT
 21 CULT
 4 CULTURE
 1 COUNTER-CLOCKWISE
 1 COUNTER J
 1 COUNTERATTACKS
 7 COUNTERCLOCKWISE
 1 COUNTERFIRE
 1 COUNTING
 1 COUNTRY
 1 COUNTS
 1 COUPLE
 1 COUPLER
 4 COUPLING
 5 COURSE
 2 COURSES
 123 COVER
 2 COVERPAGE
 25 COVERED
 1 COVERING
 11 COVERS
 1 CPCC
 1 CPS
 7 CR
 1 CRACK
 9 CRACKED
 1 CRACKING
 18 CRACKS
 11 CRABBLE

1	CRANFED
2	CRANIB
3	CRANING
4	CRANIS
2	CRATER
1	CRATERING
1	CRIML
1	CRIMLING
2	CRIMATE
1	CRIBIT
2	CRIBLING
20	CRIB
2	CRIB-SERVED
2	CRIBMAN
1	CRIBBERIES
1	CRIBS
2	CRIB
1	CRIBBLE
2	CRIBBERS
2	CRIBBLING
1	CRIBS ACOUNTRY
10	CRIBS
1	CRIBS-COUNTRY
1	CRIBSSED
1	CRIBSES
1	CRIBSHAIR
4	CRIBSHAIRS
2	CRIBSHING
2	CRIBSHAF
1	CRIBSHED
1	CRIBSHING
1	CRIBSH
2	CRIBSHED
2	CRIBSHING
2	CRIBST
1	CRIBS
5	CRIBS
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1	CRIBS
4	CRIBS
1	CRIBS
1	CRIBS
4	CRIBS
1	CRIBS

1	CURVE	
2	CURVED	
3	CUSHIONS	
4	CUT	
5	CUT--FF	
6	CUTLEF	
7	CUTTER	
8	CUTTING	
14	CVC	
1	CA--655/GRC	
2	CA--672/VRC	
3	CCLEF	
4	CCCLIC	
5	CCYLLER	
21	CI	
2	CI1419C12023C28C48C46G	
1	CI19C12022C4C39C16G D	
1	CI19C12022C4C39C46GPD	
1	CI1419C166G C 1 1	
1	CI1419C166G C 1 1 1 1	
3	C2	
3	C4	
169	C	
1	C-----	
1	C 3	
40	DA	
17	DAILY	
17	DAMAGL	
15	DAMAGED	
15	DAMAGES	
1	DA11	
2	DALGER	
7	DALGFLUS	
4	DARK	
1	DARKENED	
15	DARKNESS	
2	DASH	
26	DATA	
98	DATADATADATADATADATAD	
11	DATE	
1	DATE/TIME	
4	DAY	
1	DAY-- J J NIDPC	
1	DAY--REPEAT	
22	DAYLIGHT	

28

7	RAVS	
2	REACTIVATE	
6	REAR	
7	REARLINED	
8	REARLY	
6	REARSPACE	
1	REAR	
1	REAR	
10	REARIS	
1	REARLS	
1	REARLELLA	
1	REARRE	
1	REARCK	
1	REARVULCTS	
2	REARRE	
8	REARLIMINATE	
2	REARLIMINATED	
2	REARLIMINATING	
4	REARLIMINATION	
4	REARREASE	
1	REARREASED	
1	REARREASES	
1	REARREARIZED	
10	REARRE	
1	REARRENCIES	
10	REARRECTIVE	
1	REARREPTS	
17	REARRESE	
2	REARRESSIVE	
25	REARRENCIES	
1	REARRENCY	
1	REARREITE	
8	REARRECTION	
1	REARREPTS	
2	REARREPEL	
10	REARRES	
1	REARRETCING	
2	REARREY	
1	REARREYEL	
2	REARREYERY	
8	REARRETA	
14	REARRETTITION	
2	REARRETTITIONS	
1	REARRETTITION	
1	REARRETTITION	

2 DETECTED
 1 DETECTIVE
 3 DETIRED
 2 DETS
 1 DELY

 1 DEFIELD
 2 DEFIELDMENT
 3 DEFIELDING
 1 DEFIELDING
 2 DEFIELDING

 1 DEFOUL
 2 DEFOULS

 2 DEPRESS
 3 DEPRESSURE
 1 DEPRESSING
 3 DEPT

 16 DESCRIBE
 1 DESCRIBED
 1 DESCRIBES
 1 DESCRIPTION
 1 DESCRIPTIVE

 1 DESIGNEES
 1 DESIGN
 1 DESIGNATE
 16 DESIGNATED
 2 DESIGNATES

 16 DESIGNATION
 1 DESIGNER
 1 DESIRABLE
 29 DESIRE
 1 DESIRE

 2 DESK
 4 DESTROY
 3 DESTROYED
 1 DESTROYING
 1 DESTROYING

 1 DETACHED
 1 DETAIL
 3 DETAILED
 1 DETAILS
 20 DETECT

 6 DETECTED
 7 DETECTING
 6 DETECTION
 35 DETECTOR
 2 DETECTOR + J +

5.

15	DEVELP
12	DETERIORATION
6	DETERMINATION
54	DETERMINED
6	DETERMINED
3	DETERMINING
13	DETRIMENT
1	DETRIMENTAL
6	DETRIMENTAL
13	DETRIMENTAL
11	DETRIMENTAL
1	DEVELOPED
2	DEVIATING
6	DEVIATION
1	DEVIATION JOISTANCE I Y
13	DEVISE
6	DEVISES
1	DEX
1	DIAGONAL
1	DIAGONALLY
1	DIAGRAM
2	DIAL
6	DIAMETER
2	DIC
2	DIFFERENCE
5	DIFFERENT
13	DIFFERENTIAL
1	DIFFERENTIAL + J * J10
2	DIFFICULT
6	DIFFICULTY
1	DIFUSED
6	DIG
5	DIGGING
2	DIP
2	DITE
1	DIV BUSH
1	DIV BUSHED
1	DIPPING
2	DIPSTER
1	DIP
3	DIPPED
5	DIPSTICK
1	PIPEC- I I
14	DIRECT
8	DIRECTED

34	DIRECTION	
1	PIPECTIONS	
1	PIPECTIVE	
11	PIPECTLY	
40	PIPT	
35	PITY	
2	PIRABLED	
1	PIRABLEMENT	
1	PIRABPEAR	
8	PIRARA	
1	PIRARNED	
4	PIRARNING	
6	PIRASSEMBLE	
3	PIRASSEMBLED	
15	PIRASSEMBLY	
4	PIRCARG	
1	PIRCARGED	
1	PIRCLUSE	
1	PIRCLYN % J S	
1	PIRCLYNET	
27	PIRCLYNET	
9	PIRCLYNETED	
3	PIRCLYNETTING	
2	PIRCLYNETS	
1	PIRCLYVERED	
5	PIRCLYVACIES	
2	PIRCLYSSD	
4	PIRCLYVAGE	
1	PIRCLYVAGING	
1	PIRCLYVAGED	
1	PIRCLYTYPE	
2	PIRCLY	
3	PIRCLYS	
1	PIRCLYDGED	
3	PIRCLYDUNT	
5	PIRCLYURTED	
1	PIRCLYURNTING	
1	PIRCLYURNETED	
1	PIRCLYURNER	
5	PIRCLYURSE	
1	PIRCLYSED	
28	PIRCLYANCE	
1	PIRCLYANCE I	
1	PIRCLYANCE J	
1	PIRCLYANCES	

AD

7	DISTANT
1	DISTILLED
1	DISTINCT
1	DISTINCTIVE
1	DISTINCTLY
1	DISTRACTED
1	DISTRACTING
2	DISTRIBUTE
1	DISTRIBUTED
2	DISTURB
1	DISTURBED
8	DITCH
1	DITION
1	DIVIDING
1	DIVISILERS
81	DU
2	DOCUMENT
11	DOCUMENTS
42	DUPS
1	DUES J I
9	DUES J I
2	DUES J I
1	DUE
1	DUE
1	DUE
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25	DRAGIN	
16	DRAIN	
1	DRAINED	
17	DRAW	
1	DRAWAL	
1	DR. BRACK	
1	DRAWPAK	
3	DRAWING	
4	DRAWN	
1	DREAMS	
1	DRAWSTRING	
2	DRAWSTRINGS	
1	DRESSED	
1	DRESSING	
2	DRIED	
2	DRIFT	
1	DRILL	
2	DRILL	
71	DRIVE	
1	DRIVE + J + JII	
1	DRIVE + J	-----
14	DRIVER	
17	DRIVERS	
5	DRIVERS	
9	DRIVES	
25	DRIVING	
7	DRIP	
1	DRIPPLETS	
1	DRIPPABLE	
2	DRIPS	
21	DRY	
1	DRYING	
2	DS/GS	
2	DSP	
5	DUP	
1	DUCKS	
3	DUFFLE	
2	DUG	
3	DULL	
1	DUMBY	
1	DUPLICATE	
1	DUPES	
69	DURING	
9	DURING-OPERATION	
12	DUST	

11	RUSTING	
12	RUSTY	
4	RUTIFS	
7	RUT	
1	RI	
132	E	AD
1	E	AD
94	FACH	
1	FACH	
4	EAR	
2	FACIPIPS	
4	FAMILY	
1	FATPHONE-MICROPHONE	
5	FATH	
6	FASE	
2	FASIER	
7	FAMILY	
5	FASIERKLY	
5	FASY	
1	FATING	
1	FCELLON	
2	ECLO	
21	EDGE	
4	EDGES	
1	EDGING	
1	EDITION	
1	EFFE CTIVELY	
1	EFFECT	
2	EFFECTIVE	
2	EFFECTIVELY	
3	EFFECTIVENESS	
1	EFFECTS	
2	EFFECTENCY	
2	EFFECTENT	
5	EFFECT	
1	FIGHT & J J I I	
1	EFFORTS	
8	FIGHT	
1	FIGHT--OUT	
2	FIGHT-DIGIT	
1	FIGHT J J I I	
33	FIGHTER	
2	EJECT	
1	EJECT I I	
2	EJECTED	

35

1	ENFALDER	
19	ENFALGERED	
1	ENFS	
46	ENFS *	
	ENRY	
2	ENERGY	
50	ENGAGIE & J *	
2	ENGAGE	
11	ENGAGLEABLE	
	ENGAGED	
10	ENGAGEMENT	
1	ENGAGEMENT--LIMITED	
1	ENGAGES	
4	ENGAGING	
145	ENGINE	
2	ENGINE/REWER	
1	ENGINEYS	
1	ENGINE + J * J NIOSGAM	
7	ENGINEER	
20	ENOUGH	
2	ENSETIME	
11	ENCOPE	
12	ENSCUFING	
1	ENFANGLING	
52	ENTEL	
6	ENTERED	
1	ENTERED J I *	
6	ENTERING	
5	ENTERS	
9	ENTIRE	
1	ENTRALE	
1	ENTRECHING	
12	ENTRIES	
5	ENTRY	
1	ENTS	
21	ENJILKMENT	
1	ENJILKMENT + J *	-----
1	ENP	
7	ENPAL	
4	ENPALS	
1	ENPILIZER	
77	EQUIPMENT	
2	EQUIPMENT + J *	-----
12	EQUIPPED	
2	ERASER	

1	EMATRIS
4	EMECT
1	EMECTED
1	EMECTIC
2	EMEM
1	EMERS
2	EMONE
2	EMECIALLY
2	EMT
2	ESTABLISH
2	ESTABLISHED
1	ESTABLISHING
2	ESTIMATE
7	ESTIMATED
1	ESTIMATES
2	ESTIMATING
12	ESTIMATION
1	ETC
2	ETCH
2	ETVL
1	EVACUATE
2	EVACUATOR
1	EVASE
1	EVALUATE
5	EVEN
5	EVENLY
2	EVENY
10	EVERY
1	EVERYONE
1	EVERYTHING
5	EVIDENCE
1	EVIDENT
1	EXACT
1	EXACT
2	EXACTLY
1	EXACTLY
2	EXAMINE
24	EXAMINE
4	EXAMPLES
2	EXCEM
2	EXCELS
2	EXCELLENT
10	EXCEPT
2	EXCEPTION

38

16	EXCESS
17	EXCESS I I
6	EXCESSIVE
8	EXCHANGE
1	EXCLUSION
1	EXCISE
1	EXCISED
1	EXCISE
1	EXCISE
1	EXCISE
1	EXCISE
9	EXHAUST
2	EXIST
6	EXISTS
2	EXIT
1	EXITS
1	EXCLUSION
2	EXPECTED
8	EXPERIENT
4	EXPERIENCED
5	EXPERIENCE
1	EXPERIENCED
1	EXPERIENCED
2	EXPLAIN
2	EXPLAINS
1	EXPLANATION
2	EXCLUDE
1	EXCLUDES
2	EXCLUSION
12	EXCLUSIONS
16	EXPLOSIVE
1	EXPLIVES
2	EXPUSE
14	EXPOSED
1	EXPOSED
1	EXPOSING
8	EXPOSURE
2	EXPOSURES
1	EXPRESS
1	EXPRESS
2	EXPRESS
1	EXT-INT
12	EXTEND
1	EXTEND/FIRE
2	EXTENDED
2	EXTENDING

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1	EXTENDS
20	EXTENSION
1	EXTENSIONERS
2	FATELY
7	FATEFUL
11	FATEFUL
1	FATEFUL
1	EXTENSION & J S
4	EXTINGUISH
8	EXTINGUISHER
2	EXTINGUISHERS
1	EXTINGUISHERS S
5	EXTRA
0	EXTRACT
1	EXTRACT I I I
2	EXTRACTOR
2	EXTRIC
2	EXTRICELY
2	EYE
2	EYEGLASS
3	EYELIDS
0	EYEPHASE
1	EYEPHASES
16	EYES
1	EYESFIELD
0	EYESFIELD
12	F
2	F-----
1	F
1	FABRIC
21	FACE
2	FACEFLANK
14	FACEPIECE
1	FACILITIES
1	FACILITIES
5	FACING
5	FACITR
1	FACTOR I
2	FACTORS
1	FAFE
1	FAIRFHEIT
1	FATH
2	FAILED
17	FAIS
9	FATURE

48

FAIL
FAILING
FAILS
FAMILIARIZATION
FAMILIARIZE

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FART
FARTEN
FARTENED
FARTENINGS
FARTER

FARTIST
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FARTY

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FEDU

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FEDICE

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41

FIFTY
FIG
FIGHT : J S
FIGHTER
FIGHTER/ATTACK

FIGHTER/GROUND
FIGHTER/INTERCEPTOR
FIGHTER/LIGHT
FIGHTER S
FIGHTING

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FILE
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FINGERPRINTS

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FINE - J
FINE 11

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FINE J J I
FINE J MIDAC
FINE + J #
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FINE - J J MIDAC

FINE - J J MIDAC

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FIRST
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FLASH-BANG

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FLASHES
FLASHLIGHT
FLASHLIGHTS
FLAT
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FLUX
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FLYING

1 FLUGGER
1 FLUG
1 FLUGGING
3 FLUG
1 FLUTATION

4 FLU
1 FLU
7 FLU
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1 FLY
2 FLYING
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1 FOCUSED
4 FOCUSING
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1 FOCUSING
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4	FOUR-SECTION
2	FOUR-TI
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70	FOUR-W/PL
7	FOUR-ING
11	FOUR-HE
10	FOUR-RELATION
17	FOUR
9	FOUR-POSITION
1	FOUR-SECTION
2	FOUR-HEEL
1	FOUR-HEEL-DRIVE
1	FOUR-HEELLED
3	FOUR-TH
1	FOUR-T
2	FOUR-TLE
1	FOUR-LES
17	FPI
1	FPI--LECK
1	FRICTILEN
1	FRICTILET
2	FRICTILENTS
2	FRICTILE
1	FRICTIU
30	FRIE
2	FRIEFGARD
5	FRIEFLUP
9	FRIEFLY
1	FRIEZLES
2	FRIEHL
1	FRIEHLIES
19	FRIEHLIENCY
5	FRIEHLIENLY
2	FRICTILEN
1	FRICTILEN--PRELUCING
2	FRIEHLBERG
27	FRIEHLIBLY
344	FRIEHL
1	FRIEHL
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70	FRIEHL
1	FRIEHL-TO-WACK
2	FRIEHL/WEAR
1	FRIEHLTEL

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24	FU-LL	
1	FULL-HCT	
2	FULL-STADIA	
1	FULL-THROTTLE	
1	FULL-TRACKED	
7	FULLER'S	
1	FULLEST	
21	FULLY	
2	FURIES	
13	FURCTIL	
12	FUNCTURAL	
12	FUNCTURING	
4	FUNCTIENS	
1	FUNDAMENTALS	
1	FURIES	
5	FURTEER	
1	FUSILLAGE	
1	FUTURE	
1	FU	
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2	FUTES	
1	FUTING	
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40	GAGE	
1	GAGE S	
4	GAGES	
2	GATH	
1	GALLERS	
12	GALVANOMETER	
1	CALVARIOMETER'S	
2	CALVARIOMETER	
1	CAP	
2	CAP'S	
6	CARRISCH	

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12 GAS
 11 GAS \$
 9 GASKET
 8 CAPSULE
 7 GATE
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GENERATOR/ALTERNATOR

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2	GRADUALLY
1	GRILLS
1	GRUNT
2	GRANTED
2	GRAPIC
1	GRAPHITE
24	GRASS
2	GRASPING
4	GRASS
1	GRAPPLE
1	GRAYISH
2	GRAZE
20	GRIPSE
2	GRIPSE-FILLED
2	GRAT
5	GREATER
1	GREATEST
1	GRATELY
2	GRATEE
20	GRUDGE
2	GRUDADES
5	GRUDGIER
10	GRUD
1	GRULL
2	GRILLE
1	GRILLES
1	GRILLS
2	GRINE
1	GRIN
12	GRIP
1	GRIPS
2	GRIT
2	GRITTY
1	GRUDGE S
54	GRUDD
1	GRUDDING
66	GRUP
12	GRUPES
2	GRUSER
1	GRUP
2	GRUPATH
2	GRUPA
1	GRUPP
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16	ROUTEWAY
1	ROUTE
1	ROUTEAD
1	ROUTES
1	ROUTESEP
126	RU
7	RU J I
10	RUMBER
2	RUMBERS
2	RUMBERS
8	RUMBERY
1	RUMS
1	RUMU
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2	RAITS
2	RAF
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2	RAIF
1	RAIF-ETER
2	RAIF-STADIA
2	RAIFWAY
5	RAIT
1	RAITS
2	RAIFEN
1	RAIFEN-EMPEL
71	RAIFU
1	RAIF-TRY
1	RAIF-FUNCTION
1	RAIF-FIELD
1	RAIF-S
2	RAIF-CRANK
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1	RAIF-LE
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1	RAIF-LES
5	RAIF-LING
18	RAIF-S
1	RAIF-S-CFF
2	RAIF-S-CO
10	RAIF-SET
1	RAIF-UTULLS
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13	HEAVY	
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15	HELS	
16	HEIGHT	
17	HELD	
18	HELICAL	
19	HELICOPTER	
20	HELICOPTER	60
21	HELICOPTERS	
22	HELIUM	
23	HELIUM	
24	HELIUM J J 3	
25	HELIUMS	
26	HELP	
27	HELPS	
28	HELE	
29	HELES	
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32	HEE	
33	HEEH	
34	HEE-H-PERFORMANCE	
35	HEE-VELOCITY	
36	HEEVE	
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26	1000K-UP
27	1000KFB
28	1000KS
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H14C19C15C28C28C28C46G D
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H14C19C15C28C28C46G D I
H14C19C15C28C28C46G H J I
H14C19C15C28C28C46G H LTA
H14C19C15C28C28C46G H

H14C19C15C28C28C46G H15C
H14C19C15C28C28C46G-JOSH
H14C19C15C28C28C46G U I
H14C19C15C28C28C46G U TASK
H14C19C15C28C28C46G D 2.2.2.1

H14C19C15C28C28C46G 24
H14C19C15C28C28C46G103C
H14C19C15C28C28C46G103C
H14C19C15C28C28C46G103C
H14C19C15C28C28C46G I I

H14C19C15C28C28C46G I TASK
H14C19C15C28C28C46G I
H14C19C15C28C28C46G LEXAMPLE
H14C19C15C28C28C46G-103C
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H14C19C15C28C28C46G
H28C46G U I
H46G D I
H46G1124C28C46G D I I

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1 ICF
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3 ICF
1 TOTAL
1 IDENTIFIABLE
1 IDENTIFICATION
1 IDENTIFICATION/LOCATION
2 IDENTIFIED
2 IDENTIFIABLES
2 IDENTIFY
1 IDENTIFYING
5 TABLE

53

9	IOLEF	
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48	JF	
4	IG	
2	IG ITER	
1	IGITUS	
1	IGITILN	
1	IGUFE	
4	IM	
42	II	
2	II S	
12	III	
1	III S	
4	IV	
2	JK	
1	ILLUSTRATION	
1	ILLUSTRATES	
1	ILLUSTRATIONS	
1	IM-147/90	
1	IM-174	
4	IM-01/80	
2	IM-02/80	
2	IM-03/80	
6	IM-03/80D	
1	IM-02/80C + J I *	
1	IM I - J	
1	IM I - L J I I	
10	IMAGE	
1	IMAGINARY	
1	IMP I I I	
1	IMPETI P I % J S	
20	IMPERIATE	
1	IMPERIATE-REACTION	
2	IMPERIATELY	
2	IMPERSE	
2	IMPIDENT	
2	IMPACT	
2	IMPACTS	
6	IMPACTANT	
1	IMPULSE	
1	IMPRACTICAL	
1	IMREGRATED	
2	IMPROMPER	
1	IMPROMPERLY	
1	IMPROMPERVE	

54

14 IMPROVED
15 IN
16 IN-HAND
17 IN IT
18 INDEPENDENTLY

19 INCH
20 INCHES
21 INCHESL
22 INCLUDE
23 INCLUDED

24 INCLUDES
25 INCLUDING
26 INCLUSION
27 INCLUSIVE JPARAKSHAM I I I
28 INCLUSIVE JURE-LALIFIED I

29 INCLUDING
30 INCOMPLETE
31 INCOMPLETENESS
32 INCOMPLICATED
33 INCONJECT

34 INCREASE
35 INCREASED
36 INCREASES
37 INCREMENT
38 INCREMENTALS

39 IMPERIENTLY
40 IMPER
41 IMPERIAL
42 IMPERIAL
43 IMPERIAL

44 IMPLICATE
45 IMPLICATES
46 IMPLICATING
47 IMPLICATION

48 IMPLICATIONS
49 IMPLICATOR
50 IMPLICATOR'S
51 IMPLICATOR'S
52 IMPLICATORS

53 IMPULSIVE
54 IMPULSION
55 IMPULSION
56 IMPULSION
57 IMPULSION

1	INVEST	
10	IDENTIFY	
2	INFLUENCE	
4	INFORM	
21	INSTALLATION	
10	INTEGRATED	
1	INTEGRATED/WHITE	
2	INOC	
13	INITIAL	
2	INITIALLY	
2	INITIATE	
1	INITIATING	
2	INITIATION	
1	INITIATORS	
1	INOCUL	
15	INQUIRY	
12	INQUIRY	
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56

INSTRUCTIONS AND NUMBERS

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INSTRUMENT + J *-----
INSTRUMENTS

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2 ISBIT
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1 ISDEFL
2 ISDEFL
2 ISSUED

2 IT
11 IT'S
1 IT A
7 ITM
1 ITM--OPTICAL

21 ITEMS
49 IT'S
4 ITSELF
6 IV
1 IC

1 147 I I
1 11-22
4 J
2 J
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1 JACKET
2 JACJAF
2 JACKING
2 JACK
1 JACKING

1 JET
2 JOE
1 JOES
1 JURE
2 JURET

2 JOINTS
2 JULY
1 JUMPING
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19	JUST	
11	JUSTIANT	
1	J1	
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1	J5FL	
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1	NC	
2	LEPP	
40	REPPER	
1	REPTING	
1	REPS	
4	RETT	
1	RESENEU	
4	REV	
1	RYBEL	
1	RYPIN	
1	RY7	
2	RYL	
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1	LEAKING		
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70	LEFT		
1	LEFT-HAND	J I	
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74	LEVEL		
1	LEVELING		
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50	LEVEL		
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1	LEVERAGE	
17	LEVERS	
1	LIFE	
15	LIFT	
2	LIFTING	
11	LIGHT	
9	LIGHTLY	
1	LIGHTNING	
10	LIGHTS	
1	LIGHTS \$	
1	LIGHT- LIGHT	
7	LIME	
6	LIMELY	
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6	LIMIT	
2	LIMITATIONS	
1	LIMITED	
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2	LIMITS	
50	LIME	
7	LIP-UP	
20	LIP-UP	
24	LIPES	
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2	LIPK	
2	LIPKED	
1	LIPKS	
2	LIPK-FREE	
1	LIP	
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1	LIQUID	
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3	LIT	
2	LISTER	
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7	LISTERING	
7	LISIS	
6	LITTLE	
2	LIVE	
1	LIVE-FIRE	
1	LUSS	
2	LD	
10	LDS	
1	LDS	

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18 LOADED
 19 LOADING
 20 LOR
 21 LORAL
 22 LORATE
 23 LOCATED
 24 LOCATING
 25 LOCATION
 26 LOCATIONS
 27 LOCK
 28 LOCKED
 29 LOCKING
 30 LOCKOUT
 31 LOCKS
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11 PATRIALING + J * I
12 PATRIALING + J * I
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46 PATRIALING + J * I
47 PATRIALING + J * I
48 PATRIALING
49 PATRIALING
50 PATRIALING

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1 PACKS/PART
 2 PACKS/STATIONSHIP
 3 PACK
 4 PACK + J * -----
 5 PACKED
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 7 PACKING
 8 PACKS
 9 PARS
 10 PARTER
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18 TECHNICAL
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87

5	LIGHT	
6	PIPE	
7	PIPES	
8	PII	
9	PII-1-141078	
10	PII-1-141758	
11	PII-1-40050A	
12	PII-1-6560	
13	PII	
14	PII	
15	PIPE	
16	PIPE/CLUSTER	
17	PIPS	
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MISSING REPLAGE
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 MISSION-ORIENTED
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 1 1407/1
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11 HIGH-FIRING
 12 PIPPIE
 13 PIT I J
 14 NITROGEN
 15

16 PULSE
 17 PULSES
 18 PULSY
 19 PUNCTUATION
 20 PUNCTURES

21 PUPET
 22 PUP-CHUM IS P-J
 23 PUP-CORRECTABLE
 24 PUP-DESIGNATED
 25 PUP-ELECTRIC

26 PUP-ELECTRIC/ELECTRIC
 27 PUP-FIRING J I
 28 PUP-METALLIC
 29 PUP-VALVE/VALVE
 30 PUP-J

31 PUP-SPHEROGENOUS
 32 PUP-SPHEROGENOUS
 33 PUP-SPHEROGENOUS
 34 PUP-SPHEROGENOUS
 35 PUP-ELECTRICAL
 36 PUP-ELECTRICAL

37 PUP-METALLIC
 38 PUP-OBSERVED I J
 39 PUP-TACTICAL
 40 PUP
 41 PUP

42 PUP-VALVE
 43 PUP-VALVE
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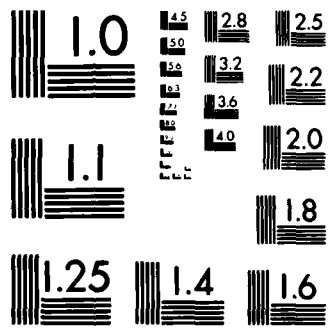
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67	PP 1- J
68	PP 1- J
69	PP 1- J
70	PP 1- J



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

10	PARTIALLY
4	PARTICLES
1	PARTICULAR
2	PARTICULARLY
2	PARTICULATE
2	PARTNERS
54	PARIS
2	PARIS
1	PASSAGE
1	PASSEUR
1	PASSENGER/CARGO
2	PASSED
2	PASTING
1	PAST
1	PASTES
2	PATCH
2	PATCHES
2	PATH
1	PATRILLING
2	PATTING
1	PAUL
1	PAULIN
1	PAUPERT
1	PAUP
6	PAUP
1	PAUP--ALTO
20	PAVAL
1	PEDESTRIAN
1	PEEP
6	PEEPSIGHT
2	PELIC
2	PENETRATION
2	PEOPLE'S
2	PEP
1	PERCEPTION
1	PERFECTION
72	PERFORM
40	PERFORMANCE
24	PERFORMED
12	PERFORMING
14	PERIOD
2	PERIODICALITY
5	PERIODS
1	PERIPHERY

7 PERISCOPE
2 PERISCOPIES
2 PERMISSION
2 PERMIT
10 PERMITS

1 PERMITTING
1 PERSISTENT
2 PRESIDE
2 PRESIDENT
4 PRESIDENTIAL

1 PERSUASION
1 PESTICIDE
1 PETROLEUM
1 PHANTOM
2 PHASE

1 PHENOL
1 PHENYLENE
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1 PLACEMENT
 4 PLACING
 5 PLAIN
 1 PLUMBS
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 2 PLUMBING
 2 PLUMBS
 2 PLUMPT
 7 PLASTIC
 21 PLATE
 1 PLATES
 2 PLATEFORM
 11 PLATEAU
 1 PLAYS
 1 PLIERS
 6 PLY
 40 PLYG
 1 PLYG-IN
 7 PLYGS
 8 PLYNGER
 1 PLYS
 1 PLYS-IGH
 1 PLYT
 1 PLYTS
 1 PLYTS
 87 PLYT
 9 PLYTIC
 1 PLYTTER
 11 PLYTING
 16 PLYTS
 1 PLYTSE
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 1 PLYSINOUS
 1 PLYC
 1 PLYICE
 1 PLYIEMED
 1 PLYSING
 1 PLYTICAL
 1 PLYT
 1 PLYGID
 3 PLYR
 1 PLYKLY
 4 PLY
 7 PLYT
 4 PLYTABLE
 17 PLYTICE

81

1	POSITIONS	
1	POSTS	
2	POTENTIAL	
1	POSITION + J	-----
1	POSITION + J + J	-----
1	POSITION + J + J + J	-----
1	POSITION + J + J + J + J	-----
3	POSITIFIED	
2	POSITIVATING	
24	POSITIVES	
2	POSITIONS + J	-----
10	POSITIVE	
1	POSITIVELY	
1	POSITIV	
2	POSSESSION	
1	POSSIBILITY	
32	POSSIBLY	
1	POST	
17	POST	
1	POSTION	
16	POSTS	
1	POSTURE	
3	POSTURES	
3	POSTURE	
62	POSTER	
1	POSTER	
2	POSTERPACK	
		AD
126	PP	
1	PRACTICAL	
1	PRACTICALITY	
10	PRACTICE	
1	PRACTICED	
1	PRE-OPERATIONAL	
1	PRE-SET	
1	PRE-ARRANGED	
1	PRESALINGS	
2	PRECAUTIONS	
1	PREFEED	
2	PREFEEDANCE	
1	PREFEEDAGE	
1	PREFEEDS	
1	PREFEEDS	
1	PREFEEDS	

82

11	PREFERRABLE	
10	PREFILLED	
1	PREFILE	
1	PREFLING	
1	PREFITTED	
2	PREINSTALLED	
2	PRELIMINARY	
1	PREMUNICIPATION	
2	PREOPERATIONAL	
16	PREOPERATION	
1	PREPARATION/EXTENDING	
27	PREPARE	
11	PREPARED	
5	PREPARING	
1	PREPARED	
5	PRESCRIBED	
3	PRESENCE	
27	PRESENT	
4	PRESENTED	
1	PRESENTATION	
4	PRESENTATIVE	
1	PRESERVE	
1	PRESET	
1	PRESETS	
20	PRESS	
6	PRESS-TO-TALK	
1	PRESS-TO-TALK	
9	PRESSED	
6	EXPRESSION	
62	PRESSURE	
32	PREVENT	
1	PREVENTIVE	
22	PREVENTIVE	
1	PREVENTIVE-MAINTENANCE	
1	PREVENTIVES	
2	PREVENTS	
1	PREVENT	
2	PREVIOUS	
2	PREVIOUSLY	
22	PREVIOUS	
10	PREY	
2	PREYING	
1	PREYING	
1	PREYING	

6	PRIORITY	
2	PRISONER	
12	PRISONERS	
1	PRIVATES	
1	PROBABILITY	
2	PROBABLE	
2	PROBABLY	
8	PROFAP	
2	PROFING	
1	PROFING + J + J J LIASK	
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2	PROFILL	
1	PROFILERS	
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29	PROFLIKE	
21	PROFLURES	
1	PROFLURES + J J *	
1	PROFCELL	
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5	PROFCESS	
1	PROFCESSID	
2	PROFCESSING	
1	PROFCESSING + J *	-----
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2	PROFICES	
1	PROFICIEN	
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1	PROFIMITED	
2	PROFJECTILE	
2	PROFJECTILES	
1	PROFLING	
2	PROFLINGED	
1	PROFLINUM	
4	PROFLINENT	
12	PROFME	
5	PROFMS	
1	PROFNUANCED	
7	PROFPELLANT	
1	PROFPELLERS	
40	PROFPER	
27	PROFPERLY	
3	PROFPERTY	
2	PROFPLSION	
12	PROFTECT	

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5	PROTECTED
6	PROTECTIVE
6	PROTECTION
67	PROTECTIVE
7	PROTECTIVE I
6	PROTECTOR
11	PROTECTOR
4	PROVIDE
3	PROVIDED
7	PROVIDES
2	PROVIDING
2	PSY
4	PT-76
4	PUBLISHED
1	PUPPLES
1	PUPP
1	PUPPS
51	PULL
1	PULLER
10	PULLER
1	PULLERS
16	PULLING
1	PULLING J I
4	PULLINGS
2	PULLS
1	PULLA
23	PULP
1	PULP J I
1	PULPING
2	PUMPS
1	PUMPS + J : J21
1	PUMPI
1	PUNCTURE
1	PUNCTURED
1	PUNCTURES
1	PURIFIER
6	PURPOSE
1	PURPOSES
1	PURPOSES J I
42	PUSH
4	PUSH-TALK
1	PUSHBUTTON
1	PUSHBUTTONS
1	PUSHER

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9	PUSHING	
44	PUT	
5	PUTTING	
6	RAI	
7	PSYCHOTECHNIC	
8	PSYCHOTECHNICS	
9	C	
10	C-19	
11	CE	
12	CF	
13	CG	
14	CH	
15	CI	
16	CJ	
17	CK	
18	CURRENT	
19	QUALIFICATION	
20	QUALIFICATION/EVALUATION	
21	QUALITY	
22	QUANTITY	
23	QUART	
24	QUARTS	
25	QUICK	
26	QUICK-DISCONNECT	
27	QUICKER	
28	QUICKLY	
29	QUICKLY I I V	
30	R	
31	RAI	
32	RAFEAY	
33	RAIKS	
34	RAP	
35	RAP/SPPR	
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37	RAP I AC	
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2	CONJECTING	
1	PERMISSION	
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17	PERDIS	
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MOVE THE 100000 FREQUENCY/WORD

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END OF PAGE 78 REPLY 0 CONSTANTS 0 FULLWORDS 0 REPLY N 0

UO07110717 STEP=LIST STEP=

 FILE=SYSSTAT UNIT=041

 FILE=SYSUT1 UNIT=304

 FILE=SYSUT2 UNIT=642

 FILE=SYSUT3 UNIT=604

USNAME=WORD.CAT SER=U3230C

 USVSRC143.T090193.RVO'0.T'ERC107.F00012R9 SER=

SYST	INPUT	5920	SYST2	OUTPUT	1489	SYST3	INPUT	0	SYST4	OUTPUT	0
LRCL	00	LRCL	133	LRCL	133	LRCL	0	LRCL	0	LRCL	0
BLKSTP	6400	BLKSIZE	133	BLKSIZE	133	BLKSIZE	0	BLKSIZE	0	BLKSIZE	0

FREQUENCY WORD FREQUENCY ALIATION FREQUENCY/WORD

DATE 08/18/83 1407 FREQUENCY/WORD

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
1,986	AND	1,986	AND	1,986	AND	1,986	AND
1,998	OF	1,998	OF	1,998	OF	1,998	OF
697	ON	697	ON	697	ON	697	ON
555	WITH	555	WITH	555	WITH	555	WITH
470	SUMMARY	470	SUMMARY	470	SUMMARY	470	SUMMARY
347	YOLK	347	YOLK	347	YOLK	347	YOLK
326	B	326	B	326	B	326	B
273	AT	273	AT	273	AT	273	AT
241	PIPE	241	PIPE	241	PIPE	241	PIPE
223	WHEN	223	WHEN	223	WHEN	223	WHEN
192	REMOVE	192	REMOVE	192	REMOVE	192	REMOVE
185	KILL	185	KILL	185	KILL	185	KILL
158	SET	158	SET	158	SET	158	SET
145	PAVE	145	PAVE	145	PAVE	145	PAVE
139	SWITCH	139	SWITCH	139	SWITCH	139	SWITCH
131	THRU	131	THRU	131	THRU	131	THRU
128	SUPP	128	SUPP	128	SUPP	128	SUPP
124	CARRIER	124	CARRIER	124	CARRIER	124	CARRIER
115	/	115	/	115	/	115	/
112	PAPA	112	PAPA	112	PAPA	112	PAPA
106	OPERATION	106	OPERATION	106	OPERATION	106	OPERATION
103	ASSEMBLY	103	ASSEMBLY	103	ASSEMBLY	103	ASSEMBLY
101	CUT	101	CUT	101	CUT	101	CUT
96	FUZE	96	FUZE	96	FUZE	96	FUZE
94	PIL	94	PIL	94	PIL	94	PIL
93	AFTER	93	AFTER	93	AFTER	93	AFTER
91	UP	91	UP	91	UP	91	UP
85	MASK	85	MASK	85	MASK	85	MASK
82	OVER	82	OVER	82	OVER	82	OVER
81	LIGHT	81	LIGHT	81	LIGHT	81	LIGHT
80	SAFETY	80	SAFETY	80	SAFETY	80	SAFETY
78	TYPE	78	TYPE	78	TYPE	78	TYPE
77	EQUIPMENT	77	EQUIPMENT	77	EQUIPMENT	77	EQUIPMENT
75	USED	75	USED	75	USED	75	USED
74	THEN	74	THEN	74	THEN	74	THEN
73	PERFORM	73	PERFORM	73	PERFORM	73	PERFORM
71	AMMUNITION	71	AMMUNITION	71	AMMUNITION	71	AMMUNITION
68	HEAD	68	HEAD	68	HEAD	68	HEAD
67	SC	67	SC	67	SC	67	SC
66	GROUP	66	GROUP	66	GROUP	66	GROUP
65	U	65	U	65	U	65	U
63	PRESSURE	63	PRESSURE	63	PRESSURE	63	PRESSURE
62	OPERATING	62	OPERATING	62	OPERATING	62	OPERATING
61	ATP	61	ATP	61	ATP	61	ATP
60	APFA	60	APFA	60	APFA	60	APFA
60	RELEASE	60	RELEASE	60	RELEASE	60	RELEASE
59	START	59	START	59	START	59	START
57	TASK	57	TASK	57	TASK	57	TASK
54	DETERMINE	54	DETERMINE	54	DETERMINE	54	DETERMINE

HAD BEEN LISTED IN THE ORIGINAL REPORT

FREQUENCY/DISTRICTION
FREQUENCY/WORD

FREQUENCY/WORD

FREQUENCY/WORD	FREQUENCY/DISTRICTION FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/DISTRICTION FREQUENCY/WORD	DATE 01/19 1307 PAGE 2	FREQUENCY/WORD
50 PARTS	54 SIFLE	53 BURE	53 CORRECT		53 CORRECT
51 PLATE	55 FEEL	53 SECTOR	52 MILITE S		52 MILITE S
52 PLATING	54 ENTER	52 FORM	52 ONLY		52 ONLY
53 CAPTURE	51 MIX	51 INSTALL	51 RECTIVER		51 RECTIVER
54 PART	51 UNDER	50 ENGAGE	50 LEVER		50 LEVER
55 SEC	50 SEC	49 I I	49 CAPLE		49 CAPLE
56 PLAS	49 PA	49 GIVEN	49 ITS		49 ITS
57 TRAF	49 BRIDGE	49 SITE	49 STOP		49 STOP
58 TANK	47 TERRAIN	48 JTA	48 ABUT		48 ABUT
59 PAUL	48 POSSIBLE	48 TUB	47 BELOW		47 BELOW
60 LOCK	47 THEY	46 ENEMY	46 METHOD		46 METHOD
61 PERSONNEL	45 WITHOUT	45 MIDSC	45 M14019C15C93C44G C I I		45 M14019C15C93C44G C I I
62 PL	45 SECTION	45 TAKE	44 MOUNT		44 MOUNT
63 PL	45 RFD	43 APPLY	44 BACK		44 BACK
64 PLING	43 TI	43 LUMSF	43 G		43 G
65 TRIDENT	42 THERE	42 CARD	42 COFS		42 COFS
66 HOOKS	42 NECESSARY	41 PUSH	42 WHIF		42 WHIF
67 TELEPHONE	41 CONNECTUR	41 MAIN	41 PDINGS		41 PDINGS
68 SUBJECT	40 PART	40 FUEL	40 M14019C15C93C44G C I I		40 M14019C15C93C44G C I I
69 ASSISTENT	40 LOCATION	40 PLUG	39 ACCURDANCE		39 ACCURDANCE
70 TRIP	39 FHEP	39 LATCH	39 SLTIF		39 SLTIF
71 TRIP	37 CENTER	38 FUSE	38 HIGHT		38 HIGHT
72 TRIP	37	37 CONDITIONS	37 HOLE		37 HOLE
73 TRIP	36 /76	36 CLEANER	36 FOLLOWING		36 FOLLOWING
74 TRIP	36 PRESS	36 SAFE	36 SEARCH		36 SEARCH
75 TRIP	35 FILL	35 DETECTOR	35 DRIVING		35 DRIVING
76 TRIP	34	34 AVAILABLE	34 DIRECTION		34 DIRECTION
77 TRIP	34	34 VHERE	34 I		34 I
78 TRIP	34	34 VHERE	34 I		34 I
79 TRIP	33 SIGNAL	33 HIGH	33 LON		33 LON
80 TRIP	33 FIFER	33 SAME	33 SECURE		33 SECURE
81 TRIP	32 PREVENT	32 BOTTOM	33 BRAKES		33 BRAKES
82 TRIP	32 ARMING	32 EYE	32 FIRST		32 FIRST
83 TRIP	32 CLOCK	32 MEASURE	32 MISSILE		32 MISSILE
84 TRIP	32 TESTIF	32 PART	32 SECOND		32 SECOND
85 TRIP	32 REFATE	31 ARMED	31 COPY		31 COPY
86 TRIP	31 AIRCRAFT	31 INSPECTION	31 ITEMS		31 ITEMS
87 TRIP	31 INCHES	31 SERVICES	30 AIR		30 AIR
88 TRIP	31 REMOVED	30 CALL	30 CASE		30 CASE
89 TRIP	30 BUFFER	30 IMPROPER	30 INSTALIED		30 INSTALIED
90 TRIP	30 GRENADE	29 AZIMUTH	29 BROKEN		29 BROKEN
91 TRIP	30 RING	29 EXTENSION	29 IDENTIFY		29 IDENTIFY
92 TRIP	29 CHEMICAL	29 MISSING	29 MIAAI		29 MIAAI
93 TRIP	29 FINES	29 TRAFFIC	28 CHECKING		28 CHECKING
94 TRIP	29 PANEL	28 NRC	28 CORRECT		28 CORRECT
95 TRIP	29 DISTANCE	27 748	27 ACCESSORIES		27 ACCESSORIES
96 TRIP	29 VALVE	27 CIRCUIT	27 CLOTHING		27 CLOTHING
97 TRIP	27 FAR	27 FRIENDLY	27 LOCATE		27 LOCATE
98 TRIP	27 DISTANT	27 PRESENT	27 PREPARE		27 PREPARE
99 TRIP	27 PREPARE	27 THESE	27 TDF		27 TDF
100 TRIP	27 SUPERVISOR	26 ATTACK	26 CAUSE		26 CAUSE
101 TRIP	27 WIRE				

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26	CANTION	26	DATA	26	FINAL	26	FIRE
26	J	26	RENDER	26	OUTSIDE	26	REQUIRE
26	IN	26	SERIES	26	SHIFT	26	SITUATION
26	SUPER	26	MISSION	26	ALIGHT	26	ASSIGNED
26	PERFORMANCE	26	DRAGON	26	ELEVATE	26	HE
26	UNIFORMAL	26	LEAD	26	NEEDLE	26	PTTS
26	WINDMILL	26	BLIND	26	TURRET	26	AN/VPC-7
26	CONTROL	26	CONCAT	26	COUNTER	26	ELECTRICAL
26	WARRANT	26	FACE	26	FULL	26	GRASP
26	SAFETY	26	INFORM	26	K	26	LEAST
26	WINDS	26	NET	26	PERFORMED	26	POSITIONS
26	COGNITION	26	THOSE	26	TIPING	26	VISUAL
26	WELL	26	CONTROLS	26	ALIGN	26	CARRYING
26	ARRIVE	26	FIRMLY	26	LAX	26	DESIGNEE
26	DEFENSE	26	PRIMARY	26	PRECEDENCE	26	PAUSE
26	DEFENSIVE	26	SCREEN	26	THREAT	26	J NIDFC
26	WASTE	26	VOLUME	26	WRENCH	26	FOCUS
26	WINDMILL	26	CABLES	26	ROUGH	26	LENS
26	J	26	WIT	26	KNOB	26	VEHICLE
26	WINDMILL	26	WRENCH	26	RECORD	26	VEHICLES
26	WINDMILL	26	SWITCH	26	STATION	26	ALSO
26	WINDMILL	26	ADAPTER	26	ALLEN	26	COOLANT
26	WINDMILL	26	ATTEMPT	26	CARPENT	26	ENVIRONMENT
26	WINDMILL	26	PI	26	EDGE	26	LESS
26	WINDMILL	26	ORDER	26	INFORMATION	26	OPERATIONAL
26	WINDMILL	26	MAGNETIC	26	ENCE	26	SHOCK
26	WINDMILL	26	SCALE	26	SHIPPING	26	TYPAGEE
26	WINDMILL	26	SIGNALS	26	TAYLS	26	APPROPRIATE
26	WINDMILL	26	WEATHER	26	/	26	CLOSED
26	WINDMILL	26	WINDMILL	26	ADAPTER	26	CONFIDENTIAL
26	WINDMILL	26	WINDMILL	26	BURST	26	FOURTH
26	WINDMILL	26	WINDMILL	26	COMMENTS	26	FAP
26	WINDMILL	26	WINDMILL	26	DETECT	26	SELECT
26	WINDMILL	26	WINDMILL	26	NORMAL	26	WAIT
26	WINDMILL	26	WINDMILL	26	ROADSIDE	26	AN/VPC-46
26	WINDMILL	26	WINDMILL	26	VISIBILITY	26	ELF/VAT
26	WINDMILL	26	WINDMILL	26	ACCESS	26	CRIT
26	WINDMILL	26	WINDMILL	26	DIFFERENTIAL	26	LOKER
26	WINDMILL	26	WINDMILL	26	GET	26	REFER
26	WINDMILL	26	WINDMILL	26	LIGHTS	26	G
26	WINDMILL	26	WINDMILL	26	MARK	26	THREE
26	WINDMILL	26	WINDMILL	26	RUI	26	AROUND
26	WINDMILL	26	WINDMILL	26	STEERING	26	CONTACT
26	WINDMILL	26	WINDMILL	26	ATT	26	ENDS
26	WINDMILL	26	WINDMILL	26	BUSH	26	HAUSEY
26	WINDMILL	26	WINDMILL	26	CROSS	26	LEADER
26	WINDMILL	26	WINDMILL	26	FALCS	26	OPERATIONS
26	WINDMILL	26	WINDMILL	26	HOUSTING	26	
26	WINDMILL	26	WINDMILL	26	MUZZLE	26	
26	WINDMILL	26	WINDMILL	26	MASTER	26	

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FREQUENCY/WOR	WORD	FREQUENCY/WOR	WORD	FREQUENCY/WOR	WORD
13	CRACK	16	THEIR	16	THUMB
14	TAPER	16	WHEEL	16	WORN
17	UP	17	AGAIN	17	BASE
17	CHILD	17	CORROSION	17	DAILY
17	WELLS	17	FALLS	17	FEATUR
17	TIPS	17	FORWARD	17	FOUR
17	ON	17	LEVERS	17	LOCATED
17	REFLECTAL	17	MILITARY	17	MOVEMENT
17	WELL	17	REINFORCEMENT	17	POWER
17	OUT	17	REMOVING	17	RETAINING
17	PLANNING	17	SHARP	17	TIGHT
17	REPAIR	16	CAPABILITY	16	COMES
16	REPAIRS	16	ELECTRIC	16	EYES
16	REPAIRS	16	GUNNER	16	HOLES
16	REPAIRS	16	INSTRUMENT	16	INSTRUMENT
16	REPAIRS	16	LITER	16	LOG
16	REPAIRS	16	CURTAIN	16	OUTLINED
16	REPAIRS	16	POSITIVE	16	POSTS
16	REPAIRS	16	RANGES	16	PERCEIVE
16	REPAIRS	16	SUPPORT	16	TRIPCO
16	REPAIRS	15	AREAS	15	REFLECT
16	REPAIRS	15	COAT	15	COCKING
16	REPAIRS	15	DAMAGED	15	CARKNESS
16	REPAIRS	15	DISASSEMBLY	15	FAP
16	REPAIRS	15	LEAKS	15	LUBRICATE
16	REPAIRS	15	RZ	15	OPPOSITE
16	REPAIRS	15	RECEPTACLE	15	RECIPIENT
16	REPAIRS	15	SUCH	15	TAKEN
16	REPAIRS	14	ARMS	14	ASSEMBLE
16	REPAIRS	14	BEHIND	14	BEING
16	REPAIRS	14	CAMISTER	14	CAREFULLY
16	REPAIRS	14	CVC	14	DEFINITION
16	REPAIRS	14	DEFECT	14	DRIVER
16	REPAIRS	14	FACEPIECE	14	FILGERS
16	REPAIRS	14	FEAT	14	INCLUDE
16	REPAIRS	14	MILITE	14	MOVES
16	REPAIRS	14	SECURITY	14	SMOKE
16	REPAIRS	14	TACTICAL	14	TOTEMER
16	REPAIRS	14	UNSERVICEABLE	13	ACCELERATOR
16	REPAIRS	13	ACCURATE	13	ADJUSTED
16	REPAIRS	13	APPROXIMATELY	13	ATTACHED
16	REPAIRS	13	BRAKE	13	CAPSOLE
16	REPAIRS	13	CONNECTED	13	CONNECTIONS
16	REPAIRS	13	CONIT	13	DRAW
16	REPAIRS	13	EXCEPT	13	FILL
16	REPAIRS	13	GROUPS	13	HARD
16	REPAIRS	13	HOLES	13	MOVEVER
16	REPAIRS	13	INSTALLATION	13	KNIFE
16	REPAIRS	13	LET	13	MATTER
16	REPAIRS	13	OBJECTS	13	DAYAILED

FREQUENCY	WORD	FREQUENCY	INCLUSION	FREQUENCY/WORD	DATE	FREQUENCY/WORD
13	PRISONERS	13	RADIOTELEPHONE	13	REF	13
13	SELECTOR	13	SERVICABILITY	13	SEVERAL	13
13	SIGHTS	13	SINCE	13	SOIL	13
13	STAGES	13	TA-312/PT	13	THIRD	13
13	UNSCREW	13	UPWARD	13	W/C	13
13	WEEK	13	ZERGED	12	T	12
14	ASSASSINATIONS	12	AGENT	12	ALIGNER	12
14	A/ARC-77	12	A/ARC-12	17	APPLY	17
14	AVIATION	12	BUTTON	12	CLIPPER	12
14	CALIBRATED	12	CELL	12	CLOTH	12
14	CONTROLS	12	EQUIPPED	12	ETC	12
14	FIT	12	FIVE	12	GALVANOMETER	12
14	FIX	12	HOK	12	MOPS	12
14	LARGE	12	LECS	12	PADE	12
14	METAL	12	MT-102C/VAC	12	MUP	12
14	MULTICAL	12	PANELS	12	PAPER	12
14	FIRST	12	PAUSE	12	PROFECY	12
14	REPAIR	12	SAND	12	SEAL	12
14	SEEN	12	SIDES	12	SIMILAR	12
14	SUCK	12	SOLVENT	12	STRIKE	12
14	TURNS	12	TEMPERATURE	12	THRUPTIE	12
14	TUN	12	TRAVEL	12	TYPE	12
14	WREN	12	WIPE	12	V & J	12
11	ALONG	11	AWITALK	11	ASSEMBLY	11
11	BUDGET	11	BUILT	11	ERRAR	11
11	CLICK	11	CLIP	11	CONTAMINATED	11
11	COVERS	11	CRADLE	11	DATE	11
11	DIRECTLY	11	DOCUMENTS	11	ELFMENTS	11
11	ENSURE	11	EXTERNAL	11	FAST	11
11	FUEL	11	FILTER	11	FIPPS	11
11	GENERAL	11	HEAVY	11	FULL	11
11	INSTRUCTIONS	11	IT'S	11	LOUSE	11
11	MEAS	11	MISSED	11	POINTING	11
11	MILBAL + J	11	M7, M7	11	RCS	11
11	NEW	11	CRSFFVE	11	PLATEON	11
11	PREPARED	11	PREVIOUS	11	OUTCLRY	11
11	REFERENCE	11	RETURN	11	RUST	11
11	SLIGHTLY	11	SUMMARY	11	SCIND	11
11	STILL	11	SUSPECTED	11	TRANSMIT	11
11	VISIBLE	11	WHEELS	11	3	11
11	7	10	JANUARY	10	AMOUNT	10
10	AFC	10	ARMAMENT	10	BAG	10
10	CURTED	10	CHARGES	10	CODE	10
10	DEBIS	10	DEEP	10	COFFEES	10
10	DEFINITION	10	DUT	10	EMPLOYMENT	10
10	FEN	10	FLAT	10	FUNCTIONING	10
10	FLORA	10	IDENTIFICATION	10	IMAGE	10
10	LOCKED	10	KEEPING	10	LAINCH	10
10	Mechanized	10	MANAGEMENT	10	PASS	10
10	Mechanized	10	M25	10	POPTH	10

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY/WORD	DATE	FREQUENCY/WORD
8	MESSAGES	8	MARKSMANSHIP	8	10/13	8
8	M24	8	M13	8	10/13	8
8	NOTE	8	NEEDS	8	10/13	8
8	PENCIL	8	PALM	8	10/13	8
8	PLINGER	8	PLAINT	8	10/13	8
8	QUICK	8	PROBE	8	10/13	8
8	SELF-TEST	8	SCOPE	8	10/13	8
8	SFT	8	SMOOTHLY	8	10/13	8
8	STRAIGHT-TUBE	8	STEP	8	10/13	8
8	TALK	8	TAG	8	10/13	8
8	THEADS	8	THOROUGHLY	8	10/13	8
8	TRIMMING	8	TUNED	8	10/13	8
8	WARNING	8	VIEW	8	10/13	8
7	ACTIVIS	7	ACF-125	7	10/13	7
7	ANZIMS-4	7	ALTERNATE	7	10/13	7
7	ASSEMBLIES	7	APPROX	7	10/13	7
7	PREFCH	7	BREAKER	7	10/13	7
7	CLIPPS	7	CAPS	7	10/13	7
7	CDNY	7	CONTINUOUS	7	10/13	7
7	DAYS	7	CALIBERUS	7	10/13	7
7	EFFECT	7	EASILY	7	10/13	7
7	EXTERIOR	7	ESTIMATED	7	10/13	7
7	FULLI	7	FILL	7	10/13	7
7	HIM	7	FELD	7	10/13	7
7	INCREASE	7	F-147/PD	7	10/13	7
7	LIVE	7	LAST	7	10/13	7
7	LDSFNG	7	LISTS	7	10/13	7
7	PG7	7	MIRFIELD	7	10/13	7
7	MUS	7	NOTCHES	7	10/13	7
7	PERISCOPE	7	OPTICS	7	10/13	7
7	PRTIP	7	PLUGS	7	10/13	7
7	RELATION	7	RECONNAISSANCE	7	10/13	7
7	REYATNER	7	RESTS	7	10/13	7
7	SECTIONS	7	RUSS	7	10/13	7
7	STIMULANTE	7	SIG	7	10/13	7
7	SPECIFIC	7	SUP	7	10/13	7
7	THFRPAI	7	STEADY	7	10/13	7
7	TRAY	7	TRAVERSE	7	10/13	7
7	WCI	7	VERINUS	7	10/13	7
6	ABSDPFR	6	U	6	10/13	6
6	ADJUSTR	6	ADDITIONAL	6	10/13	6
6	APKATACH	6	APPEARS	6	10/13	6
6	AT-912/VPC	6	ASSAULT	6	10/13	6
6	RELS	6	AGE06--THIS	6	10/13	6
6	BUPN	6	BULLET	6	10/13	6
6	CAUSFD	6	CAPABILITIES	6	10/13	6
6	COAXIAL	6	CLESTIG	6	10/13	6
6	DEAD	6	CORRECTION	6	10/13	6
6	DETERMINATION	6	DETECTION	6	10/13	6
6	DEVICES	6	DEVIATION	6	10/13	6
8	FUNCTION	8	DISFUNCTION	8	10/13	8
8	MODULE	8	MODULE	8	10/13	8
8	BEAR	8	BEAR	8	10/13	8
8	DEFEND	8	DEFEND	8	10/13	8
8	PLACING	8	PLACING	8	10/13	8
8	PRESSED	8	PRESSED	8	10/13	8
8	RAPIDLY	8	RAPIDLY	8	10/13	8
8	SURGE	8	SURGE	8	10/13	8
8	STAIN	8	STAIN	8	10/13	8
8	SUPERVISION	8	SUPERVISION	8	10/13	8
8	TECHNICALS	8	TECHNICALS	8	10/13	8
8	TOOLS	8	TOOLS	8	10/13	8
8	V	8	V	8	10/13	8
7	WLD	7	WLD	7	10/13	7
7	ADJUSTING	7	ADJUSTING	7	10/13	7
7	APPLYING	7	APPLYING	7	10/13	7
7	ARM	7	ARM	7	10/13	7
7	BOTTLES	7	BOTTLES	7	10/13	7
7	COMPRESSED	7	COMPRESSED	7	10/13	7
7	CS	7	CS	7	10/13	7
7	DND	7	DND	7	10/13	7
7	FOCAL	7	FOCAL	7	10/13	7
7	FAULT	7	FAULT	7	10/13	7
7	GENERATOR	7	GENERATOR	7	10/13	7
7	MICROSCOPIC	7	MICROSCOPIC	7	10/13	7
7	INSPECTED	7	INSPECTED	7	10/13	7
7	LISTENING	7	LISTENING	7	10/13	7
7	MILES	7	MILES	7	10/13	7
7	NOTCH	7	NOTCH	7	10/13	7
7	OPENING	7	OPENING	7	10/13	7
7	PL	7	PL	7	10/13	7
7	READY	7	READY	7	10/13	7
7	RESTRICTION	7	RESTRICTION	7	10/13	7
7	ROTATING	7	ROTATING	7	10/13	7
7	SOFT	7	SOFT	7	10/13	7
7	SOPE	7	SOPE	7	10/13	7
7	STARTING	7	STARTING	7	10/13	7
7	TIGHTLY	7	TIGHTLY	7	10/13	7
7	UNLOCK	7	UNLOCK	7	10/13	7
6	ACCURATE	6	ACCURATE	6	10/13	6
6	AMPLIFIER	6	AMPLIFIER	6	10/13	6
6	AS-1729/VRC	6	AS-1729/VRC	6	10/13	6
6	AUTHENTICATE	6	AUTHENTICATE	6	10/13	6
6	DEFENSE	6	DEFENSE	6	10/13	6
6	GILY	6	GILY	6	10/13	6
6	NUMBERS	6	NUMBERS	6	10/13	6
6	DEFLECTING	6	DEFLECTING	6	10/13	6
6	DEFLECTORS	6	DEFLECTORS	6	10/13	6
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6	DEFLECTING	6	DEFLECTING	6	10/13	6

WORD	FREQUENCY/WORD	WORD FREQUENCY DISTRIBUTION FREQUENCY/WORD	DATE 03163 1407 PAGE FREQUENCY/WORD
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FREQUENCY/NO

WORD FREQUENCY

LOCATION

DATE 01/19 1407

FREQUENCY	WORD	FREQUENCY	LOCATION	DATE	
5	PLUGS	5	FORMATIONS	5	FORM-WHEEL
5	PREQUENTLY	5	FURTHET	5	GETTING
5	PREPARED	5	GRUCUSE	5	WALT
5	PREPARING	5	HI	5	WICK
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5	PREPARED	5	PL-C19C19C23C28C2=C46G U	5	MARGINAL
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5	PREPARED	5	PL-C19C19C23C28C2=C46G U	5	M25/M25AI
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5	PREPARED	5	PL-C19C19C23C28C2=C46G U	5	TRIM
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WORD FREQUENCY DISTRIBUTION
FREQUENCY/WORD

FREQUENCY/WORD

FREQUENCY/WORD	WORD	FREQUENCY/WORD	WORD	FREQUENCY/WORD	WORD
4	CHANGING	4	CHECKED	4	CHEMICAL-BILLOICAL
4	CHANGES	4	CLAYMORE	4	CLEARANCE
4	CHARGE	4	CLERK	4	COMBINATION
4	CHARGE	4	CONFIRMATION	4	CUMSECITIVE
4	CHARGE	4	CONFIRMATION	4	CURDS
4	CHARGE	4	COILING	4	CRACKS
4	CHARGE	4	CORRECT	4	CUTTING
4	CHARGE	4	CRIB	4	DECONTAMINATION
4	CHARGE	4	DISARMING	4	DISCARD
4	CHARGE	4	DR	4	EARLY
4	CHARGE	4	ENGAGING	4	EQUALS
4	CHARGE	4	EXTINGUISH	4	EVELTUS
4	CHARGE	4	FIGHTING	4	FIGURES
4	CHARGE	4	FIRED	4	FITTING
4	CHARGE	4	FIELDS	4	FORNAT
4	CHARGE	4	FOLLOWS	4	GIVES
4	CHARGE	4	GARZE	4	GRADED
4	CHARGE	4	HATCHES	4	HUSES
4	CHARGE	4	HORN	4	IN
4	CHARGE	4	IC	4	INCREASES
4	CHARGE	4	IMPROVED	4	INTERSECTION
4	CHARGE	4	INTERMEDIATE	4	JET
4	CHARGE	4	KILLS	4	LEADERS
4	CHARGE	4	LIST	4	LOCKOUT
4	CHARGE	4	MEGALITHS	4	MAPES
4	CHARGE	4	MARSH	4	MARCS
4	CHARGE	4	MATERIALS	4	MEASURED
4	CHARGE	4	METHODS	4	MILDER
4	CHARGE	4	MILWAUKEE	4	MULTS
4	CHARGE	4	MITAL	4	MURAL
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4	CHARGE	4	NET	4	NOT
4	CHARGE	4	NET	4	OBLIQUE
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4	CHARGE	4	NET	4	OVERALL
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4	CHARGE	4	NET	4	SOLUTION
4	CHARGE	4	NET	4	SOCKS

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COMMANIFFIS
CONTACTS
COMPODDD
CYCLE
DECKPASE
DRAPE
EDGES
ERECT
FASTER
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FILM
FUNCTIONS
GLASS
HIDE
HOLK
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INTERVAL
KEPT
LETTERS
LOCP
PAY-WARE
PASK → J
MILITARY
MOVED
MIG
MTR
MULL
ORSTACIF
OPTICNAL
PARKING
PICK
PORTABLE
PREMINTY
PUSHPUTTEN
OH
RAF
READY/AVAIABLE
REDUCTION
REFSTARY
RSMZ6
SECUREP
SHUCKS
SIZE
SMALLEP
SPECIIV

FREQUENCY/DISTRICTION

FREQUENCY/WORD

WORD	FREQUENCY	DISTRICTION	WORD	FREQUENCY	DISTRICTION
FLANK	3	FLANK	FLANK	3	FLANK
FORCES	3	FORCES	FORCES	3	FORCES
FOUNDATION	3	FOUNDATION	FOUNDATION	3	FOUNDATION
BULLET	3	BULLET	BULLET	3	BULLET
GITS	3	GITS	GITS	3	GITS
GREATLY	3	GREATLY	GREATLY	3	GREATLY
GRU J I I	3	GRU J I I	GRU J I I	3	GRU J I I
WIRELESS	3	WIRELESS	WIRELESS	3	WIRELESS
HYDRAULIC	3	HYDRAULIC	HYDRAULIC	3	HYDRAULIC
INCLUDES	3	INCLUDES	INCLUDES	3	INCLUDES
INSTEAD	3	INSTEAD	INSTEAD	3	INSTEAD
INTERLOCKING	3	INTERLOCKING	INTERLOCKING	3	INTERLOCKING
JOB	3	JOB	JOB	3	JOB
K/AR J J I I	3	K/AR J J I I	K/AR J J I I	3	K/AR J J I I
LAIN	3	LAIN	LAIN	3	LAIN
LEAKING	3	LEAKING	LEAKING	3	LEAKING
LINEAR	3	LINEAR	LINEAR	3	LINEAR
LOCKS	3	LOCKS	LOCKS	3	LOCKS
MACHINE GUN J I I	3	MACHINE GUN J I I	MACHINE GUN J I I	3	MACHINE GUN J I I
REFLECTS	3	REFLECTS	REFLECTS	3	REFLECTS
POSTAGE	3	POSTAGE	POSTAGE	3	POSTAGE
MY	3	MY	MY	3	MY
M17-SERIES	3	M17-SERIES	M17-SERIES	3	M17-SERIES
PSI	3	PSI	PSI	3	PSI
M72A1	3	M72A1	M72A1	3	M72A1
WISSES	3	WISSES	WISSES	3	WISSES
WITTING	3	WITTING	WITTING	3	WITTING
MCC-800	3	MCC-800	MCC-800	3	MCC-800
OUT-OF-BAND	3	OUT-OF-BAND	OUT-OF-BAND	3	OUT-OF-BAND
PAIR	3	PAIR	PAIR	3	PAIR
PASSES	3	PASSES	PASSES	3	PASSES
PERITY	3	PERITY	PERITY	3	PERITY
PUCK	3	PUCK	PUCK	3	PUCK
PATENTIPAL	3	PATENTIPAL	PATENTIPAL	3	PATENTIPAL
PRINTING	3	PRINTING	PRINTING	3	PRINTING
PROPERTY	3	PROPERTY	PROPERTY	3	PROPERTY
RAISE	3	RAISE	RAISE	3	RAISE
REAR	3	REAR	REAR	3	REAR
RECESSES	3	RECESSES	RECESSES	3	RECESSES
REPAIRS	3	REPAIRS	REPAIRS	3	REPAIRS
REQUIREMENTS	3	REQUIREMENTS	REQUIREMENTS	3	REQUIREMENTS
RESTORE	3	RESTORE	RESTORE	3	RESTORE
RIDE	3	RIDE	RIDE	3	RIDE
RICK	3	RICK	RICK	3	RICK
ROLLS	3	ROLLS	ROLLS	3	ROLLS
SATISFACTORY	3	SATISFACTORY	SATISFACTORY	3	SATISFACTORY
SENSINGS	3	SENSINGS	SENSINGS	3	SENSINGS
SHIFL	3	SHIFL	SHIFL	3	SHIFL
SIGNATURES	3	SIGNATURES	SIGNATURES	3	SIGNATURES
FLUIDS	3	FLUIDS	FLUIDS	3	FLUIDS
FORHEAD	3	FORHEAD	FORHEAD	3	FORHEAD
FOLKTH	3	FOLKTH	FOLKTH	3	FOLKTH
GEARBOX	3	GEARBOX	GEARBOX	3	GEARBOX
GOTS	3	GOTS	GOTS	3	GOTS
GRIT	3	GRIT	GRIT	3	GRIT
HAMMER	3	HAMMER	HAMMER	3	HAMMER
HEADLIGHTS	3	HEADLIGHTS	HEADLIGHTS	3	HEADLIGHTS
IDENTIFIED	3	IDENTIFIED	IDENTIFIED	3	IDENTIFIED
INDEFINITE	3	INDEFINITE	INDEFINITE	3	INDEFINITE
INTENDED	3	INTENDED	INTENDED	3	INTENDED
ISSUED	3	ISSUED	ISSUED	3	ISSUED
KILLING	3	KILLING	KILLING	3	KILLING
KNITTER	3	KNITTER	KNITTER	3	KNITTER
LATEP	3	LATEP	LATEP	3	LATEP
LEASES	3	LEASES	LEASES	3	LEASES
LIPS	3	LIPS	LIPS	3	LIPS
LUCAS	3	LUCAS	LUCAS	3	LUCAS
MAELWER	3	MAELWER	MAELWER	3	MAELWER
MIRANCE	3	MIRANCE	MIRANCE	3	MIRANCE
MILING	3	MILING	MILING	3	MILING
MIA	3	MIA	MIA	3	MIA
M25A	3	M25A	M25A	3	M25A
MAGS	3	MAGS	MAGS	3	MAGS
MAPE	3	MAPE	MAPE	3	MAPE
NON-METALLIC	3	NON-METALLIC	NON-METALLIC	3	NON-METALLIC
ORSERVED	3	ORSERVED	ORSERVED	3	ORSERVED
OPHARD	3	OPHARD	OPHARD	3	OPHARD
OVERHEATING	3	OVERHEATING	OVERHEATING	3	OVERHEATING
PARTICULARLY	3	PARTICULARLY	PARTICULARLY	3	PARTICULARLY
PEPTICALLY	3	PEPTICALLY	PEPTICALLY	3	PEPTICALLY
PICTURES	3	PICTURES	PICTURES	3	PICTURES
PREFERENCE	3	PREFERENCE	PREFERENCE	3	PREFERENCE
PREPARABLE	3	PREPARABLE	PREPARABLE	3	PREPARABLE
PRUDCF	3	PRUDCF	PRUDCF	3	PRUDCF
PSI	3	PSI	PSI	3	PSI
PATIDLOGICAL	3	PATIDLOGICAL	PATIDLOGICAL	3	PATIDLOGICAL
RE 1-1	3	RE 1-1	RE 1-1	3	RE 1-1
REASSEMBLE	3	REASSEMBLE	REASSEMBLE	3	REASSEMBLE
REINSTALL	3	REINSTALL	REINSTALL	3	REINSTALL
REPLY	3	REPLY	REPLY	3	REPLY
RESISTANCE	3	RESISTANCE	RESISTANCE	3	RESISTANCE
RETICLE/MII	3	RETICLE/MII	RETICLE/MII	3	RETICLE/MII
RIG	3	RIG	RIG	3	RIG
ROLL	3	ROLL	ROLL	3	ROLL
SALUTE	3	SALUTE	SALUTE	3	SALUTE
SECURITY	3	SECURITY	SECURITY	3	SECURITY
SENSITIVITY	3	SENSITIVITY	SENSITIVITY	3	SENSITIVITY
SIGHT-J	3	SIGHT-J	SIGHT-J	3	SIGHT-J
SILVER	3	SILVER	SILVER	3	SILVER

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REFERENCE	FREQUENCY/WOR	DESCRIPTION	FREQUENCY/WOR	DESCRIPTION	FREQUENCY/WOR	DESCRIPTION
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
21	21	21	21	21	21	21
22	22	22	22	22	22	22
23	23	23	23	23	23	23
24	24	24	24	24	24	24
25	25	25	25	25	25	25
26	26	26	26	26	26	26
27	27	27	27	27	27	27
28	28	28	28	28	28	28
29	29	29	29	29	29	29
30	30	30	30	30	30	30
31	31	31	31	31	31	31
32	32	32	32	32	32	32
33	33	33	33	33	33	33
34	34	34	34	34	34	34
35	35	35	35	35	35	35
36	36	36	36	36	36	36
37	37	37	37	37	37	37
38	38	38	38	38	38	38
39	39	39	39	39	39	39
40	40	40	40	40	40	40
41	41	41	41	41	41	41
42	42	42	42	42	42	42
43	43	43	43	43	43	43
44	44	44	44	44	44	44
45	45	45	45	45	45	45
46	46	46	46	46	46	46
47	47	47	47	47	47	47
48	48	48	48	48	48	48
49	49	49	49	49	49	49
50	50	50	50	50	50	50

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FREQUNCY	OR FREQUNCY P	IBUTION	ENCY/WIRD	FRFQLECY/VPD	DATE 0313 1407M
2	FLAP	2	FLASH-RANG	2	FLFX
2	FLECH	2	FLJ-RUP	2	FLYING
2	FOLLOWED	2	FOLLOWER	2	FOOD
2	FELLS	2	FOAMOLF	2	FRAGMENTS
2	FRENCH	2	FRICTION	2	FRYENBERG
2	FROZEN	2	FULL-STADIA	2	FUMES
2	FUGIOUS	2	FUZES	2	GAA
2	GAPS	2	GASOLINE	2	GATE
2	GLACIS	2	GCLGES	2	GRABING
2	GRANDULLY	2	GRATED	2	GRAPHIC
2	GRAZE	2	GREASE-FILLED	2	GREAT
2	GRINE	2	GRIATH	2	GTA
2	GUMERIS	2	HARITS	2	HAD
2	HALE-STADIA	2	HALCRANK	2	HANDS-CN
2	HAGGIFIE	2	HAR	2	HASTY
2	HAZARD	2	HAZARD + J *	2	HEADRAPD
2	HEEL	2	HEELS	2	HELPS
2	HELD	2	HIGH-PERFORMANCE	2	HIGHLY
2	HODK-UP	2	HOT-LOPP	2	HOTTER
2	HUSC2PC2BC46G D I I	2	HUSC2PC2BC46G D I I	2	H14C19C13C2PC2BC46G D J I
2	HUSC2PC2BC46G D I I	2	IE	2	IGITEP
2	HUSC2PC2BC46G D I I	2	IN-93/70	2	IMPESFD
2	IMPACTS	2	IN-HAND	2	IN I
2	IND-UPD	2	INDICATING	2	INFLUENCE
2	INITIALLY	2	INITIATE	2	INITIATION
2	INSTALLED	2	INSTRUCTION	2	INSTRUCTION'S J J A1D5C
2	INT-EXT	2	INTACT	2	INTERCPT + J *
2	ISUIT	2	J	2	JAGUAR
2	JCINT	2	JULY	2	JUNCTION
2	KILL	2	KIT + J * J A1D5C	2	KM
2	KNOCK	2	LACE	2	LACK
2	LABELED	2	LAKE	2	LATRINE
2	LABORER + J *	2	LAW + J *	2	LA
2	LEAFS	2	LEAK	2	LEOPARD
2	LEVER J I I	2	LIFTING	2	LIPITATIONS
2	LUKED	2	LIFT-FEE	2	LOSSENFSS
2	LOW-PERFORMANCE	2	LOW-PRESSURE	2	LOW-SIMPURFTE
2	LUTINUS	2	MACHINGUN J J I I	2	MACHINFINPFR
2	MALY	2	MACHINERAIN	2	MADDER
2	MASING	2	MATING	2	MEAN
2	MELTS	2	MENAPR	2	MENTS
2	METHODS	2	MI-24	2	MI-4
2	MISG	2	MICROAVE	2	MIG-21
2	MILAGE	2	MIND	2	MINTRAL
2	MISFIE + J *	2	MIXED	2	MODIFIED
2	MISTEN	2	MURK	2	MORTARS
2	MOTORIZED	2	MOUTH	2	MX-279G/VRP
2	MX-77R	2	MX-777B/GAC	2	MX-279G/VRP
2	MZU	2	M57	2	M14
2	M73	2	NAVIGATING	2	M6CA2
2	M73	2	NAVIGATING	2	ME

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1	APPEARANCE	1	APPLY I I	1	APPLY J J
1	APPROACHING	1	APPROPRIATE	1	APPROXIMATELY J J I I
1	APT	1	ARC	1	ARC-25-72
1	AREA + J *	1	AREA S	1	ARENYI
1	ARMOR-PIERCING	1	ARRANGED	1	ARRONS
1	AS J I	1	ASSEMBLY	1	ASIDE
1	ASKS	1	ASPECTS	1	ASSALLT/ATTACK
1	ASSISTS	1	ASSOCIATED	1	AT-271A/PRC
1	ATELY	1	ATTACH	1	ATTENNY J J
1	ATTU	1	AUDIO-RECEPTACLE	1	AUTOMATICALLY
1	AUTHORITY	1	AUTOMATICALLY	1	AVIATOR'S
1	AWARDED	1	AXLE	1	AZIMUTH S
1	A4	1	ASD	1	ABROU--OVER
1	A7	1	BA	1	B J J
1	BA-1110	1	BA-4386	1	BA-4386/PRC-25
1	BACK-UP	1	BAFFLES	1	BAGS
1	RAIL-OUT	1	BAILOUT	1	BALANCE
1	BARRER	1	BARREL I I	1	BALANCE
1	BATHING	1	BATT	1	BASICALLY
1	BATTLE SIGHT	1	BAU	1	BATTALION
1	BE J I	1	BEAMS	1	BAVINEY
1	BELLY	1	BELLY	1	BECOMING
1	BELOW J	1	BELT-HOLDING	1	BELOW I I
1	BILITY	1	BIFID-POSITIONED	1	BEZEL
1	BLASING	1	BLINK S	1	BIFID-SUPPLIER
1	BLOCKAGE	1	BLOCKING	1	BLINKING
1	BLOTTING	1	BLOUSE	1	BLOCKS
1	BLUNT	1	BO	1	BLUDGE
1	BLARDS	1	BOAT-LIKE	1	BO-105
1	BOLTER	1	BOOBY	1	BOBIES
1	BOMBYTRAP	1	BOMB-TRAPPING	1	BOBMY J J
1	BOTTLE	1	BOTU	1	BOPESTRATER
1	BFAVD	1	B4D	1	BOXTOP
1	BREATHER	1	BREATHS	1	BOBMS
1	BRITISH	1	BTR-50P	1	BRINGS
1	BUCCAMBER	1	BUDDY	1	BU
1	BULBS	1	BULGES	1	BUILD
1	BURIAL	1	BURRS	1	BUMP
1	BUTY	1	BUTTOCKS	1	BURST-FIN-TARGET
1	BYPASS	1	BYPASSED	1	BUTCHER
1	CAGE	1	CALENDAR	1	C-PATRN
1	CAMPIES	1	CANIS	1	CALLUYS
1	CAP J J J	1	CAPABLE	1	CALVAS
1	CARD J J	1	CARDS	1	CAPACITY
1	CAREFULLY S	1	CARKING	1	CAREFUL S
1	CARRIERS	1	CASUALTY	1	CARNIER-PAPER
1	CATCH	1	CAUGHT	1	CASES
1	CAVALRY	1	COR	1	CAUSES
1	CELLS	1	CENTE IR S J S	1	CE
1	CERTIFIC A S J & STION	1	CEU	1	CENTERCUTS
1	CEU	1		1	CG-177/L

FREQUENCY/WORD

FREQUENCY/WORD

WORD FREQUENCY

FREQUENCY/WORD

FREQUENCY/WORD

1	OPERATING-PANGF	1	OPERATES	1	OPERATORS	1	OPERATOR	1	OPERATOR
1	OPERATOR	1	OPERATORS	1	OPERATORS	1	OPERATORS	1	OPERATORS
1	OR + J *	1	OPTICS \$	1	OPTICS \$	1	OPTICS \$	1	OPTICS \$
1	ORGANIZ 'A RTIFAL	1	ORGANIC	1	ORGANIC	1	ORGANIC	1	ORGANIC
1	ORIGINAL	1	ORGANIZING	1	ORGANIZING	1	ORGANIZING	1	ORGANIZING
1	OT I I	1	OT I I	1	OT I I	1	OT I I	1	OT I I
1	OUTLINING	1	OTHERWISE	1	OTHERWISE	1	OTHERWISE	1	OTHERWISE
1	OVER--IF	1	CV-10	1	CV-10	1	CV-10	1	CV-10
1	OVER J J MDRG	1	OVER-SHORT	1	OVER-SHORT	1	OVER-SHORT	1	OVER-SHORT
1	OVERHANG	1	OVER-FILL \$	1	OVER-FILL \$	1	OVER-FILL \$	1	OVER-FILL \$
1	OVERHANGING	1	OVERLAYS	1	OVERLAYS	1	OVERLAYS	1	OVERLAYS
1	PACED	1	PAGE	1	PAGE	1	PAGE	1	PAGE
1	PAIRS	1	PAINTING	1	PAINTING	1	PAINTING	1	PAINTING
1	PAPARITE	1	PAPER + J *	1	PAPER + J *	1	PAPER + J *	1	PAPER + J *
1	PAPITAL	1	PACKED	1	PACKED	1	PACKED	1	PACKED
1	PASSAGE	1	PACKETS	1	PACKETS	1	PACKETS	1	PACKETS
1	PASTES	1	PAST	1	PAST	1	PAST	1	PAST
1	PAYMENT	1	PAULTY	1	PAULTY	1	PAULTY	1	PAULTY
1	PEDESTALIAN	1	PDF--ALIGN	1	PDF--ALIGN	1	PDF--ALIGN	1	PDF--ALIGN
1	PEPEHPY	1	PERFOR \$ J \$	1	PERFOR \$ J \$	1	PERFOR \$ J \$	1	PERFOR \$ J \$
1	PEETAING	1	PERSONS	1	PERSONS	1	PERSONS	1	PERSONS
1	PHICS	1	PHASTIC	1	PHASTIC	1	PHASTIC	1	PHASTIC
1	PIERS	1	PICTURE	1	PICTURE	1	PICTURE	1	PICTURE
1	PITCH	1	PIS 1- G J I	1	PIS 1- G J I	1	PIS 1- G J I	1	PIS 1- G J I
1	PLANNER	1	PLANKS	1	PLANKS	1	PLANKS	1	PLANKS
1	PLUG-IN	1	PLIERS	1	PLIERS	1	PLIERS	1	PLIERS
1	POCKETS	1	POCKET	1	POCKET	1	POCKET	1	POCKET
1	POISENUS	1	POISON \$	1	POISON \$	1	POISON \$	1	POISON \$
1	POLISHING	1	POLISHED	1	POLISHED	1	POLISHED	1	POLISHED
1	POORLY	1	PUNCHJ	1	PUNCHJ	1	PUNCHJ	1	PUNCHJ
1	POSITION J	1	POSES	1	POSES	1	POSES	1	POSES
1	POSITION + J *	1	POSITION + J *	1	POSITION + J *	1	POSITION + J *	1	POSITION + J *
1	POSSIBLY	1	POSSIBILITY	1	POSSIBILITY	1	POSSIBILITY	1	POSSIBILITY
1	PRACTICAL	1	POKER	1	POKER	1	POKER	1	POKER
1	PREF-SETS	1	PRE-OPERATIONAL	1	PRE-OPERATIONAL	1	PRE-OPERATIONAL	1	PRE-OPERATIONAL
1	PREFCHAGE	1	PREFCPOD	1	PREFCPOD	1	PREFCPOD	1	PREFCPOD
1	PREFIRE	1	PREFERABLE	1	PREFERABLE	1	PREFERABLE	1	PREFERABLE
1	PREPARATION/EXTENDING	1	PRE-TRIALIZED	1	PRE-TRIALIZED	1	PRE-TRIALIZED	1	PRE-TRIALIZED
1	PRESET	1	PRESERVE	1	PRESERVE	1	PRESERVE	1	PRESERVE
1	PREVENTIVE-MAINTENANCE	1	PREVENTIVE	1	PREVENTIVE	1	PREVENTIVE	1	PREVENTIVE
1	PRIVATEES	1	PRINCIPLES	1	PRINCIPLES	1	PRINCIPLES	1	PRINCIPLES
1	PROBLEMS	1	PRACTIC + J *	1	PRACTIC + J *	1	PRACTIC + J *	1	PRACTIC + J *
1	PROCESSED	1	PRACTICING	1	PRACTICING	1	PRACTICING	1	PRACTICING
1	PROCPAY	1	PRACTICENCY	1	PRACTICENCY	1	PRACTICENCY	1	PRACTICENCY
1	PROCPURFFD	1	PRACTITION	1	PRACTITION	1	PRACTITION	1	PRACTITION
1	PROTRUFFS	1	PROTECTIVE I I	1	PROTECTIVE I I	1	PROTECTIVE I I	1	PROTECTIVE I I
1	PUFFS	1	PUFF	1	PUFF	1	PUFF	1	PUFF
1	PUPA	1	PULLING J I	1	PULLING J I	1	PULLING J I	1	PULLING J I
1	PUNCH	1	PURPS + J + J21	1	PURPS + J + J21	1	PURPS + J + J21	1	PURPS + J + J21
1	PURPOSES	1	PURIFIER	1	PURIFIER	1	PURIFIER	1	PURIFIER

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DATE RC143 1407
FREQUENCY/WOPD

RD FREQUENCY DTY
BLTICH
NCY/WOPD

FREQUENCY/WR

1	CAT	1	GSTREIT	1	GSTNP	1	GSULATION
1	W	1	GTALLED	1	GTEP	1	GTHE
1	W	1	GTEP	1	GU	1	GTRAI
1	W	1	GZED	1	GII	1	GIVCINC23P2RC466 DTM
1	W	1	G304 GR1054	1	Got-F	1	S
1	W	1	S 11 J S	1	SA	1	SAAM-105
1	W	1	SAE	1	SAEGUARD	1	SAFETY T
1	W	1	SALTY	1	SAMTRAGING	1	SATDV
1	W	1	S/SMBRUSH	1	SATISFY	1	SATHRATFF
1	W	1	SI	1	SR-22/P	1	SCALF J MIP-93/LD
1	W	1	SCANNING	1	SCRFICARD	1	SCMFES
1	W	1	SCRFICD	1	SCREENS	1	SCREWS S
1	W	1	SEALING	1	SEATS	1	SEARC M J S
1	W	1	SECROSSJ	1	SECTION	1	SECURITY-MANDEF
1	W	1	SEES	1	SEES	1	SEKEGATE
1	W	1	SIL	1	SELECTO I	1	SELECTION
1	W	1	SELF-I	1	SELF-EVALUTION	1	SELF + J
1	W	1	SEMI-FLUID	1	SEMFICID	1	SELSATION
1	W	1	SENSITIVITIES	1	SEPARATED	1	SEPARATION
1	W	1	SEPTICALLY	1	SEVE	1	SEPVIC IF J P P105H
1	W	1	SETTING	1	SEU	1	SEVEN-PASSENGER/CARGO
1	W	1	SHARD	1	SHARDS	1	SHAFT
1	W	1	SHARPER	1	SHARPLY	1	SHARPSHOOTER
1	W	1	SHEPHAN	1	SHIELDING	1	SHYNNING
1	W	1	SHPP	1	SHOST-IF	1	SHKRT--RIGHT
1	W	1	SHOULDER-WIDTH	1	SHOOTING	1	SHVEL
1	W	1	SHOULDER	1	SHRAPNEL	1	SHURBERY
1	W	1	SIGNALS + J * J J J J J	1	SIGNALS + J * J J J NIDS	1	SHYNNING
1	W	1	SIMULATOR	1	SIMULATORS	1	SHYNNING
1	W	1	SIPER	1	SIPER	1	SHYNNING
1	W	1	SITUATE	1	SKIP	1	SHYNNING
1	W	1	SLAVE K S	1	SLAYING	1	SHYNNING
1	W	1	SLAVE	1	SLEEPING	1	SHYNNING
1	W	1	SLIT-TYPE	1	SLC--FLOWING	1	SHYNNING
1	W	1	SUCKING	1	SADPEI	1	SHYNNING
1	W	1	SUD	1	SOEYE IV * J *	1	SHYNNING
1	W	1	SUDPE	1	SUP/RECULATION	1	SHYNNING
1	W	1	SOUTHCAST	1	SUNIFT	1	SHYNNING
1	W	1	SOUND	1	SPAL	1	SHYNNING
1	W	1	SOUND	1	SPIKE	1	SHYNNING
1	W	1	SPELLS	1	SPOTL	1	SHYNNING
1	W	1	SPOTLESS	1	SPOTTING I	1	SHYNNING
1	W	1	SPRING-TYPE	1	SPRING J	1	SHYNNING
1	W	1	STAIR-LY	1	SQUEAL	1	SHYNNING
1	W	1	STAIR-FL	1	SSN	1	SHYNNING
1	W	1	STAFF	1	STAGER	1	SHYNNING
1	W	1	STAFF	1	STAND	1	SHYNNING
1	W	1	STAFF	1	STAFFIGHTER S	1	SHYNNING
1	W	1	STAL	1	STAJ	1	SHYNNING
1	W	1	STATISTICS	1	STICKING	1	SHYNNING
1	W	1	STEED	1	STICKING	1	SHYNNING

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UNQUALIFIED	1		UNWRAPFD	1		UNWRAPFD	1		UNWRAPFD
UNSCHEFFD	1		UNSATISFACTORY	1		UNSATISFACTORY	1		UNSCHEFFD
UNTHREAFD	1		UNSTABLE	1		UNSTABLE	1		UNTHREAFD
UNUSARLF	1		UNTALEST	1		UNTALEST	1		UNUSARLF
UP/DCHP	1		UNZERPEU	1		UNZERPEU	1		UP/DCHP
USI	1		USE S	1		USE S	1		USI
U4107--DNPP	1		UU	1		UU	1		U4107--DNPP
VAPTANKS	1		VAILS	1		VAILS	1		VAPTANKS
VAPIMEFR	1		VARIES	1		VARIES	1		VAPIMEFR
VEHICLES + J	1		VEHICLE + J	1		VEHICLE + J	1		VEHICLES + J
VEPHAL	1		VENTILATION S	1		VENTILATION S	1		VEPHAL
VTFWFO	1		VIAL	1		VIAL	1		VTFWFO
VILLAGE	1		VIAII	1		VIAII	1		VILLAGE
VICID	1		VOICEPICTER	1		VOICEPICTER	1		VICID
V	1		VULNERABLE	1		VULNERABLE	1		V
WAFWER	1		WAFERD	1		WAFERD	1		WAFWER
WASTE	1		WALICES	1		WALICES	1		WASTE
WATER + J	1		WATER J J	1		WATER J J	1		WATER + J
WEATHERPROOF	1		WEAPNS J J	1		WEAPNS J J	1		WEATHERPROOF
WEEKLY/	1		WEAK	1		WEAK	1		WEEKLY/
WEL * L X J	1		WEIGHS	1		WEIGHS	1		WEL * L X J
WELFARE	1		WELLS	1		WELLS	1		WELFARE
WHAFFVR	1		WHEU	1		WHEU	1		WHAFFVR
WHIP	1		WHY S	1		WHY S	1		WHIP
WIFFLY	1		WITCH	1		WITCH	1		WIFFLY
WTFCH-FG	1		WITPRIZING	1		WITPRIZING	1		WTFCH-FG
WIPES	1		WIT J J	1		WIT J J	1		WIPES
WYH S - J	1		WITWRAMING	1		WITWRAMING	1		WYH S - J
WYTHM	1		WYTHM	1		WYTHM	1		WYTHM
WRAPPING	1		WRITING	1		WRITING	1		WRAPPING
WYH--RGRF	1		WYH--TIME--ZRL	1		WYH--TIME--ZRL	1		WYH--RGRF
WYH J J LTASK	1		Y	1		Y	1		WYH J J LTASK
YAK-2R	1		Y	1		Y	1		YAK-2R
YOLU	1		ZIPPER	1		ZIPPER	1		YOLU
0 J J	1		031-503-109	1		031-503-109	1		0 J J
031-502-1006	1		031-503-109	1		031-503-109	1		031-502-1006
031-503-1010	1		031-503-109	1		031-503-109	1		031-503-1010
031-502-1013	1		031-503-109	1		031-503-109	1		031-502-1013
031-503-1005	1		031-503-109	1		031-503-109	1		031-503-1005
041-0970	1		031-503-109	1		031-503-109	1		041-0970
051-102-1512	1		051-102-1514	1		051-102-1514	1		051-102-1512
051-192-1516	1		051-102-1514	1		051-102-1514	1		051-192-1516
071-311-2101	1		071-311-2101	1		071-311-2101	1		071-311-2101
071-311-2103	1		071-311-2103	1		071-311-2103	1		071-311-2103
071-312-3005	1		071-312-3005	1		071-312-3005	1		071-312-3005
071-312-3106	1		071-312-3106	1		071-312-3106	1		071-312-3106
071-315-2302	1		071-315-2302	1		071-315-2302	1		071-315-2302
071-317-0000	1		071-317-0000	1		071-317-0000	1		071-317-0000
071-317-2304	1		071-317-2304	1		071-317-2304	1		071-317-2304

FREQ/PCY/VRG

PHEN/PCY/VRG

ORD FREQ/DISTRICT/PCY/VRG

DATE ACI/3 1ACT PAGE
FREQ/PCY/VRG

FREQ/PCY/VRG	PHEN/PCY/VRG	ORD	FREQ/DISTRICT/PCY/VRG	DATE ACI/3	1ACT PAGE
1 071-317-3306 + J *	1 071-317-3301 + J *	1	071-317-22 6 + J *	071-317-2203 + J *	1
1 071-317-3308 + J *	1 071-317-0513 + J *	1	071-317-08 8 + J *	071-326-3031 + J *	1
1 071-317-3314 + J *	1 071-317-0503 + J *	1	071-317-0314 + J *	071-333-4500	1
1 071-317-3350 + J *	1 071-317-0504 + J *	1	071-317-05 4 + J *	071-333-6512 + J *	1
1 071-317-3353 + J *	1 071-317-0514 + J *	1	071-317-05 12 + J *	071-333-6516 + J *	1
1 071-317-3357 + J *	1 071-317-5518 + J *	1	071-317-65 5 + J *	071-333-6590 + J *	1
1 071-317-3359 + J *	1 071-317-6522	1	071-317-6522 + J *	071-333-6593 + J *	1
1 105-1H	1 1-6	1	1/14-1-14	1/2	1
1 105-1H	1 11-	1	10-1114	105-1H	1
1 11-5820-657-12	1 11-23	1	11-23	11-5820-657-12	1
1 112-571-10 3	1 112-571-10 3	1	112-571-10 3	112-571-10 3	1
1 113-517-1042 + J *	1 113-517-1042 + J *	1	113-517-1042 + J *	113-517-1043 + J *	1
1 113-587-2035 + J *	1 113-587-2035 + J *	1	113-587-2035 + J *	113-587-1043 + J *	1
1 113-600-1011 + J *	1 113-600-1011 + J *	1	113-600-1011 + J *	113-587-1044 + J *	1
1 113-600-2006	1 113-600-2006	1	113-600-20 1 + J *	113-600-2006	1
1 113-622-1002 + J *	1 113-600-3013 + J *	1	113-600-3013 + J *	113-622-1002 + J *	1
1 14	1 135	1	135	14	1
1 16	1 150	1	150	16	1
1 171-091-1015 + J *	1 17-23 1	1	17-23 1	171-091-1015 + J *	1
1 171-130-1002 + J *	1 171-130-1002 + J *	1	171-130-1002 + J *	171-130-1002 + J *	1
1 171-207-1003 + J *	1 171-207-1021 + J *	1	171-207-1021 + J *	171-207-1003 + J *	1
1 171-374-1016 + J *	1 171-374-10 2 + J *	1	171-374-10 2 + J *	171-374-1016 + J *	1
1 2-5	1 2-2	1	2-2	2-5	1
1 2-9	1 2-64	1	2-64	2-9	1
1 20	1 28 J J	1	28 J J	20	1
1 24-27 1	1 23-71	1	23-71	24-27 1	1
1 25	1 247-14	1	247-14	25	1
1 28-40 1	1 275-300	1	275-300	28-40 1	1
1 3-13	1 3-1	1	3-1	3-13	1
1 3-23	1 3-3	1	3-3	3-23	1
1 3-8	1 3-45	1	3-45	3-8	1
1 300-350 1	1 30	1	30	300-350 1	1
1 360-410 1	1 331 1- 50919	1	331 1- 50919	360-410 1	1
1 4-8	1 4-5	1	4-5	4-8	1
1 477-12	1 420-500 1	1	420-500 1	477-12	1
1 55	1 500 1	1	500 1	55	1
1 551-721-1022 + J *	1 551-721-1021 + J *	1	551-721-1021 + J *	551-721-1022 + J *	1
1 5820 1- 640R 1- 012	1 5820 1- 64 1 1- 012	1	5820 1- 64 1 1- 012	5820 1- 640R 1- 012	1
1 64	1 60	1	60	64	1
1 68	1 73-1H	1	73-1H	68	1

162

HEADQUARTERS

DATA CONTROL NUMBER

Job No / Proj No

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

JUN 18 1980

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ALPHABETIC

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ALPHA-NUMERICAL

1	ALSO	
2	ALTERNATE	
3	ALWAYS	
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APPROXIMATELY
APPROXIMATIONS

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AUTHORITYS
AUTHORIZED
AUTOLATED
AUTOMATIC
AVAILABLE

1
2
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12

6	AVENUE	
2	AVONILES	
2	AVIIC	
1	AVIICED	
4	AVIY	
1	AXIS	
1	ASX	
1	ABC	
1	ANCAQ	
62	F	
2	R	-----
4	R	J & J
2	RA-1006/U	
1	RA-1006/U	J J STANDARDS
1	RA-1208/U	
1	RA-1208/U	J I
1	RA-1318/U	
1	RA-1318/U	J I
2	RA-1391/U	
1	RA-1391/U	I
1	RA-1396/U	
1	RA-1396/U	I
11	RACK	
1	RACKED	
2	RACK(RELND)	
1	PACKING	
1	PAC	
2	PAD	
4	PAGIER	
1	PAGE	
2	PACIC	
16	BATTERIES	
42	BATTERY	
6	BATTERY/LAMP	
2	BATTERY	
2	BATTERY	
124	FE	
2	FEAR	
5	FEARISE	
2	FECHES	
1	FECHING	
5	FEEN	
6	FEUSE	
1	FEUTING	

1	REYGN
2	REYNG
10	REYOL
1	REY
1	REYDING
1	RESIDE
3	REST
5	BETWEEN
1	REY
2	REYDING
2	PIEDLOGICAL
1	FLACK
1	BLAST
2	PLISTER
2	PLUDG
1	PLUT
3	PLIE
2	PLIE-BAND
1	PLIE-MARKED
13	PLI
6	BOARD
3	PUY
1	PULT
10	PULTM
7	PUTTLE
17	BOTTOM
17	BOY
1	BOXES
7	BRACKET
1	BRASS
1	BR/VU--I
1	BREATH
4	BRIDGE
1	BRIDGES
2	BRIGIT
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5	BULB
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1 RUSHES
 7 RUT
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 327 C
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 25 CARLE
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 1 CAI
 1 CALCULATE
 2 CALIP
 2 CALITERATED
 24 CALL
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 2 CALLING
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 17 CAR
 4 CARIFT
 2 CAR'S
 4 CAR
 1 CAPABILITY
 2 CAPTIVE
 19 CAREFULLY
 1 CARRIAGE
 2 CARRY
 1 CARRY I
 2 CARRY J I
 19 CARRYING
 1 CARTON
 31 CASE
 2 CASES
 1 CASINGS
 1 CAT
 1 CATCH
 6 PATCHES
 1 CATE
 1 CATEGORY
 3 CAUSE
 4 CAUTION
 1 CAVALRY
 1 CAVITIES
 2 CAVITY
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4	COF	
1	COF & J I	
1	CE	
5	CEPTR	
2	CENTERED	
20	CEPI	
1	CEPI + J	-----
1	CERTAIN	
12	CHALLENGE	
2	CHALLENGED	
2	CHARGE	
1	CHARGES	
20	CHOP	
1	CHARACTERISTICS	
2	CHARACTERS	
4	CHURCH	
1	CHURCH & J S	
12	CHURCH	
2	CHURCH	
4	CHURCH	
1	CHURCH	
40	CHURCH	
2	CHURCH	
12	CHURCH	
1	CHURCH	
1	CHURCH	
7	CLASSIFICATION	
1	CLASSIFICATION J I	
1	CLASSIFICATION S	
1	CLASSIFIED	
4	CLASSIFY	
1	CLASSIFYING	
4	CLASH	
2	CLASH	
1	CLASHLY	
1	CLASH	
19	CLASH	
1	CLASH	
2	CLASHWISE	
2	CLASH	
2	CLESED	
4	CLESER	
1	CLESI	
1	CLESI - I	
12	CLESI	

4 CDS & J I
1 CE
3 CENTER
2 CENTRAL

27 CBI
1 CERTAIN
2 CERTAIN
12 CHALLENGE
1 CHALLENGED

3 CHANCE
1 CHARGES
20 CHAP
1 CHARACTERISTICS
1 CHARACTERS

4 CHURCH
1 CHURCH & J S
17 CHURCH
1 CHURCH
1 CHECKOUT

1 CHURCH
20 CHURCHICAL
1 CHURCH
19 CHURCH
1 CHURCH

1 CLASS
1 CLASSIFICATION
1 CLASSIFICATION J I
1 CLASSIFICATION S
1 CLASSIFIED

4 CLASSIFY
3 CLASSIFYING
2 CLEAR
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1 CLIPS
2 CLOTHES
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1 CLOTH
1 CLOTH- I
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1 CUP
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 1 CUTRICLES

 1 CUPIC
 1 CUPLESS
 14 CUPON
 4 CUPONS
 2 CUPONAT

 2 CUPWARD
 2 CUPWARDER
 1 CUPWARDERS
 1 CUPWARDER + J *-----
 4 CUPWARDER + J *-----

 6 COMMUNICATION
 3 COMMUNICATIONS
 1 COMMUNICATIONS + J *-----
 7 COMPANY
 1 COMPANYE

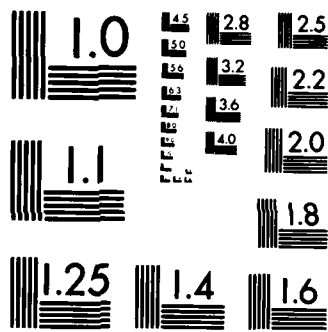
 2 COMPARTMENT
 1 COMPASS
 1 COMPENIT
 3 COMPLETE
 1 COMPLETIC

 2 COMPLETELY
 1 COMPLETENESS
 1 COMPLETION
 1 COMPLIANCE
 6 COMPLAINTS

 1 COMPLESS
 2 COMPRESSIONS
 1 COMDEAL
 2 COMCEALER
 2 COMCEALMENT

 1 COMCENTRATED
 1 COMCENTRIC
 2 COMCONDITIONERS
 13 COMCONDITIONS
 7 COMCONFLICT

 1 COMCONULATED
 4 COMCONJURATION
 1 COMCONJURATIONS
 1 COMCONJURED
 1 COMCONJECTIVE



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2 CORRECT
 3 CORRECTED
 4 CORRECTING
 5 CORRECTOR
 6 CONSIDER
 7
 8 CONSIDERED
 9 CONSIDERING
 10 CONSIDERATION
 11 CONSIDERATIONS
 12 CONSIDERATIONS
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 14 CONSTRUCTION
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 16 CONSTRUCTION
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 18 CONSTRUCTION
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 20 CONTACT
 21 CONTACTING
 22 CONTACTS
 23 CONTAIN
 24 CONTAINED
 25 CONTAINER
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 27 CONTAINERS
 28 CONTAINING
 29 CONTAINMENT
 30 CONTAINMENTS
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1 COUNTER-CHALLENGE
 1 COUNTER-INTERACTION
 1 COUNTER-INTERACTION
 1 COURSE
 1 COURSE

2 COVERED
 1 COVERING
 1 COVERS
 4 CP
 1 CRACKLE

1 CRUST
 1 CRESTS
 5 CREW
 2 CRITICAL
 1 CRISS

1 CRISSES
 4 CRISI
 1 CRVFTUNET
 2 CUT
 2 CUPS

1 CUTTING
 2 C1
 1 CUBA
 40 C
 5 CANCE

1 DAMAGED
 1 DANGER
 1 DARKNESS
 1 DATA
 10 DATE/ATADAT/ADAT/ADAT/ADAT/ADAT

2 DATE
 2 DATE/TIME
 1 DATE/TIME
 1 DATE 1
 4 DAY

2 DAYLIGHT
 2 DC
 2 DEFRYS
 1 DEFILELLIA
 1 DECIPHER

1 DECISION
 1 DEFLTING
 1 DEFUNCTS
 1 DEHUMIDIFY
 2 DEHUMIDIFY

1 DEHUMIDIFY
 2 DEHUMIDIFY

2 DECONTAMINATED
1 DECONTAMINATING
1 DECONTAMINATION
1 DECREASE
1 DECREASES

1 DEGRASSING
1 DEGRASS
1 DEGREE
1 DEFECT
2 DEFECTIVE

5 DEFENSE
12 DEFENSIVE
1 DEFENSE
1 DEFENSES
1 DEFENDING

1 DELIVERY
1 DELIMITATIONS
1 DEMONSTRATED
1 DELIVER
1 DEFENSE

1 DECAPTURE
1 DEPENDENT
1 DEPENDING
1 DEPLOYED
2 DEPLOYMENT

1 DEPRESS
10 DESCRIBED
1 DESCRIBES
5 DESIGNATED
1 DESIGNED

2 DEBITABLE
2 DESIRE
1 DETACH
1 DETECT
1 DETECTABLE

6 DETECTION
69 DETECTOR
1 DETECTOR'S
7 DETECTORS
1 DETECTS

1 DETERMINATES
27 DETERMINE
2 DETERMINED
1 DETERMINING
1 DETOURS

17

PIC

DIRMALL
DIRMAYS

DIRRECT
DIRRECT/INDIRECT
DIRRECTED
DIRRECTING
DIRRECTIVE

DIRRECTLY
DIRFT
DIRGAM
DIRCARD
DIRCABLED

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DIRCULATED
DIRCENSER
DIRVERSE

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DIRTANCE
DIRTANCE
DIRTILLED

DIRTIFERANCES
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DIRVWARD

DIRVILLAGE
DIRVY
DIRVYS
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AD

1	DRIVE
1	DRIVER/RADIO
1	DRIVERS
2	DRIP
2	DRIPS
4	DRY
6	DS
2	DUP
6	DURING
1	DUTIES
1	DUTY
1	DUTY I I
4	DUTY J I
30	E
31	EACH
1	EAC
1	EALY
2	EAS
1	EASFP
1	EASLY
1	EAS17/U
1	ECELLUN
4	ED
2	EDGE
3	EDITION
2	EE
2	EFFECTIVE
1	EFFECTS
1	EFFICIENCY
1	EFFECT
3	EFFECT
1	EFC
1	ELECTRICAL
1	ELECTROMAGNETIC
1	ELECTRIC
1	ELECTRIC
2	ELECTRONS
2	ELEVATION
1	ELEVATED
1	ELSE
1	ELSLIS
2	EM
2	EMFACE
2	EMFACE/RECOVER
1	EMFACE

4 ENPLACEMENT
 1 ENPLYED
 1 ENPLYMENT
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 1 ENPTY

 2 ENCRVPT
 2 ENCRVPT/DECRPT
 17 ENCRVPTED
 1 ENCRVPTIN/DECRVPTED
 2 ENCRVPTING

 1 ENCRVPTION
 26 ENR
 1 ENRAGER
 6 ENRS
 16 ENRYN

 1 ENRAGE
 1 ENRAGED
 1 ENRAGER
 1 ENRIGH
 2 ENRUI

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5 EXAMPLES
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 1 EXISTS
 4 EXCELLENT
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 2 EXPLANATION
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 1 EXPOSE
 1 EXPOSURE

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 4 FACILITY
 1 FAILURE

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 1 FAIRLY
 2 FALL
 1 FALLOUT
 1 FALSE

 1 FAC
 4 FASTER
 2 FASTENER
 4 FASTENERS
 1 FATIGUE

 2 FEEL
 2 FEELING
 15 FIELD
 1 FIELDS
 77 FIC

 1 FICS
 43 FIGURE
 1 FIGURE
 2 FIGURE
 1 FIGURES

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181

1	FILE
1	FILED
26	FILED
2	FILEDING
2	FILEISH
16	FILE
1	FILEI
1	FILES
2	FILEING
2	FILELY
10	FILEST
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2	FITTED
2	FITTING
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1	FINE--METER
1	FINE--PEDEST
1	FINE--CHARACTER
1	FIXE
1	FLU--APPL
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1	FLU--ON
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1	FLU
1	FLUL
2	FLURAGE
2	FLUR
1	FLURIED
2	FLURIDING
2	FLURICKS
2	FLURD
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1	FLUCPS
1	FLUCING
1	FLUC

1	GRASPING
1	GRATEFUL
1	GREATEST
2	GRACE
2	GRADUAL
1	GRASSIVELY
17	GRIND
1	GRIP
10	GRIPED
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1	GRUCPUL
1	GT
1	GURP
2	GURPANCE
4	GURPE
1	GUTTED
1	GURPUM
1	GURPENY
1	GZ/SZ
1	GZ/---1
2	GZ/---TIS
102	
1	H-----
2	HAF
2	HAFB
1	HAFD-TIGHTEN
2	HAFDCKAK
1	HAFDLE
1	HAFDS
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1	HOADLEADHEADHEAD
1	HODING
2	HODQUARTERS
4	HODUSLT
1	HODUSPTS
1	HODP

1 HEARD
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3 LEAFER
4 LEAVY
5 LEAVY

1 LEAVY I
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4 LEIP
5 LEIPER

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4 LEIKLY
5 LEIKWAY

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 3 IDENTITY
 68 IF
 9 II

2 III
 1 IV-174
 2 IV-174/PD
 1 IV-174/PC J J I
 3 IV-174 + J J I

4 IV-174/FB
 1 IV-174/PD J J I
 1 INVESTIGATION
 2 INVESTIGATE
 3 INVESTIGATELY

1 INVESTIGABLE
 2 INVESTIGATE
 3 INVESTIGATE
 2 INVESTIGATE
 1 INVESTIGATE

1 IV
 1 INACTIVATE
 1 INACTIVATED
 2 INCH
 2 INCHES

2 INCLUDE
 3 INCLUDED
 1 INCLUDES
 2 INCLUDING
 1 INCREASED

1 INCREASING
 6 INDEX
 4 INDICATE
 4 INDICATED
 8 INDICATES

2 INDICATING
 3 INDICATION
 10 INDICATOR
 1 INDICT
 1 INDICT

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10	INDIVIDUAL	
11	INDIVIDUALY-PERFORMED	
12	INDIVIDUALS	
13	IPC	
14	IPC/TRY	
15	IPULATION	
16	IPULATIONS	
17	IPULATION	
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107--ALTELLICATE
107--PERMISSION
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3	LEAKAGE
4	LEAST
2	LEAVE
3	LEAVING
4	LEFT
2	LEFT-ARM
1	LEHIO
1	LEICTM
1	LEIS
1	LEIS-CLEANING
3	LEISFS
2	LEIS
1	LEIS-THAT-72-FOUR
1	LETHS
3	LETTA
1	LETTA I I
1	LETTED
24	LETTES
1	LETTES/NUMBERS
1	LETTES + J
1	LETTLES
12	LEVEL
4	LEWIS
14	LEWY
1	LIP
5	LIFT
2	LIFTING
10	LIGHT
1	LILLY
4	LILTER
27	LIFE
1	LIFE/PRITY
2	LINES
4	LICUDO
2	LISTER
2	LIGHTING
1	LIGHTS J S
4	LOADING
2	LOCAL
7	LEGATE

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4 LOCATED
4 LOCATING
17 LOCATIONS
7 LOCATIONS
6 PARK

1 LOCKING
1 LOG
7 LOCK
1 LOCKING
3 LOCK

2 HOUSE
2 HOUSES
1 LOPE
1 LOOPER
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1 LOG-FLYING
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1	PUZJECTIVE \$
2	PUZJECTS
1	PUZSCINE
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15	PUZSERVATION
7	PUZSERVE
2	PUZSERVED
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1	PUZSERVES
1	PUZSERVILE
2	PUZSTACLES
2	PUZSTRUCTION
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3 OPER
 3 OPER 1
 17 OPERATE
 2 OPERATED
 3 OPERATING

 10 OPERATOR
 1 OPERATOR + J
 4 OPERATIONAL
 2 OPERATIONS
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 10 OPERATOR
 1 OPERATORS
 1 OPERATING
 2 OPERATIVE
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 1 OPTICAL
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 4 ORDER
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 2 OTHERS
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 1 OUTLET

 4 OUTSIDE
 14 OVER
 1 OVERPRODUCTS
 1 OVERLEAD
 15 OVERLAY

 1 OVERLAY + J
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2	PREFERENCE	
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 3 RECONSTITUTIONAL
 4 RECONSTITUTION
 10 REFRIGERATE
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 2 RAZER
 1 RACH
 1 RACIA G. SMETER
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 1 RADIOLETER + J

 1 RADIOMETERS
 2 RADIATION
 10 RADI
 1 RADIOTELEPHONE
 2 RADIOLATIVE

 1 RADIOLICAL
 2 RADIOLICAL
 1 RADII
 1 RADIOTELEPHONE
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REFUGIATES

1 RELEASE
1 PETERSTALL
1 PROJECT
11 REFUGEE

1 RELEASED
1 RELEASING
1 RELIEF
2 RELIEFS
1 RELIGIOUS

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1	SAMPLING
1	SAVE
1	SCATS
1	SCALE
2	SCAFF
1	SCATCH
2	SCEN
1	SCENED
1	SCENES
1	SCOFF
1	SCOURING/CLEANING
1	SEAT # J 3
1	SEAL
2	SEAFED
1	SEALING
1	SEAF
1	SEC
12	SECURE
1	SECURITY
1	SECTION
1	SECTION/CREW
1	SECTIONS
1	PEOPLE
1	SECURE
2	SECURELY
2	SECURITY
20	SEC
1	SECK
1	SEISMIC
7	SELECT
2	SELECTED
2	SPECIFIC
1	SELF-AUTHENTICATE

SELF-AUTHENTICATION

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11 SPSHVVITY
1 SPSHVVITY I

1 SPWATE
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 1 SUPPORTED
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 1 SURFACE

 1 SUSCEPTIBLE
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212

1 VARIANTS
 2 VARIUS
 3 VARYING
 4 VY
 5 VD 1
 6 VHC
 7 VEGETATION
 8 VEHICLE
 9 VEHICLES
 10 VEHICLES/VEHICLES
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YEAR-PLUMED
VEILTY-ORANGE

SP	YUI	YUIR	Y6V75	Y8 '6 926	YUR	YEC76	YUR2C--OVER	Z	Z6J	Z6E	Z6U	C	631-509-20.2 + J	631-503-20.4 + J	631-503-20.5 + J	631-503-20.6 + J	631-503-20.7 + J	631-503-20.8 + J	631-503-20.12	631-503-20.2 + J	631-503-20.2 + J	631-503-20.4 + J	631-503-20.4 + J	631-191-25.1 + J	631-191-25.2 + J	631-222-57.5 + J	671-231-30.4 + J	671-231-30.11 + J	671-231-30.12 + J	1-57	1-77	1-79	18	117-571-10.7 + J	117-573-10.2 + J	117-573-10.1 + J	117-577-10.4	117-586-10.4 + J	15	16
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1	171-140-2000 + J
1	171-097-2071 + J
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1	20
1	20
1	20-METER
2	26
2	3
4	5-6065-225-12
7	4
1	4A
1	50F

SEP 1957 SCRT FM 2-53, DELETE 235
SEP 1957 AT RIAS # 17
SEP 1957 TEX OVER-ALLIC FACTOR= PRIY/USEN=023
SEP 1957 SEE IN 2 IN 1
SEP 1957 TEX=02110 123
SEP 1957 FILE SY/SECRET LINE P, 123-0217, DUMP

00050010 15...20...25...30...35...40...45...50...55...60...65...70...75...80...85... 90...95...100...105...110..

JOIN THE FOLLOWING STEPS TO LIST STEP=

FOR FILE=SYSDAT UNIT=642
 FOR FILE=SYSDAT UNIT=640
 FOR FILE=SYSDAT UNIT=643
 FOR FILE=SYSDAT UNIT=604

SEN=U3230A
 SEHG

USN=FILEXQD0,CJT
 USN=SYSDAT153,T090153,RV00C,TMERCIDY,R0000121

SYSTEM	UNIT	2000	SYSD12	OUTPUT	518	SYSD13	OUTPUT	0	SYSD14	OUTPUT	0
LRCL	50	LRCL	103	LRCL	103	LRCL	0	LRCL	0	LRCL	0
BLKSIZE	6420	BLKSIZE	193	BLKSIZE	193	BLKSIZE	0	BLKSIZE	0	BLKSIZE	0

2/19

3RD FREQUENCY DISTRIBUTION
 FREQUENCY/WORD

FREQUENCY/WORD	WORD	3RD FREQUENCY DISTRIBUTION FREQUENCY/WORD	DISTRIBUTION FREQUENCY/WORD	WORD	FREQUENCY/WORD
123	AND	772	I J	200	I I
230	A	251	TO	200	OF
141	IS	160	CURT	179	IN
102	OR	101	H	174	FOR
83	ON	80	MEASURES	92	WITH
74	SET	74	AM	75	FROM
68	IF	68	FIGURE	61	IT
59	NOT	60	BY	57	ARE
55	KILL	51	AS	51	ARE
42	ALARM	41	CHEMICAL	42	BATTERY
41	WHEN	40	SHOULD	42	POSITION
34	J I I	39	ROUTE	39	GROUP
33	COMP	38	CELL	36	LETTER
31	EACH	31	CASE	34	SWITCH
30	DEF	30	E	30	ASSEMBLY
29	REMOVE	27	EQUIPMENT	29	CLAP
27	ALL	27	WHICH	29	NUMBER
27	THIS	27	TASK	27	MUST
26	FANTIACMETER	27	ALPS	27	USING
26	EXAMPLE	26	FLARE	29	FIND
25	CALL	25	CLAN	29	CABLE
24	TMT	24	AREA	26	/-
24	J # G	24	THRU	24	T
22	UNTIL	22	TURN	24	LINE
21	SC	21	PP	24	OTHER
20	MILUTES	21	PROTECTIVE	21	MAKE
20	CLIP	20	GIVEN	20	AUTHENTICATION
19	MAY	19	CARRYING	19	F
19	TRAINING	19	FIRST	19	OPERATOR
18	RAPID	19	PLACE	19	WASH
17	I-	18	OFF	18	SYSTEM
17	CAF	18	WITH	18	NOTION
17	OPERATE	17	BOX	17	GRIN
16	NUMERICAL	17	LOCATION	17	PREY
15	CONTROL	16	FIRE	16	INDEX
15	OVERLAY	15	AFTER	16	FIELD
15	ZONE	15	G	15	TRIP
14	MIAC19C1D23C46C I I	15	LP	14	COLUMB
14	FD	14	GERMINE	14	MEASURES J J1
14	S	14	MORE	14	OVER
13	AVAILAPLF	14	PEFSHIEL	14	NOTE S
13	CIPHER	13	AGAINST	14	CAREFULLY
13	DEVICES	13	CHECK	14	CASE
13	IDENTIFIER	13	DEFENSIVE	14	W1-C17C1D23C46C1D5C
13	PAPER	13	I	14	CS
12	M	13	P	14	U
12	GROUND	13	WARNING	12	CO
12	OPERATION	12	DISTANCE	12	MEASURE
12	SAFETY	12	MESSAGE	12	PLATE
		12	PREPARE	12	

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WAS NOT LISTED ALSO

DATE: 06/163 09424
FREQUENCY/WORD

RD FREQUENCY OF DISTRIBUTION
ENCY/WORD

FREQUENCY TO

FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD	FREQUENCY	WORD
12	TRUCK	12	SIGN	12	SHAP	12	THAN
11	RIGHT	11	WAVE	11	AIR	11	BACK
11	CONTAINERS	11	CONTAINER	11	FURN	11	HAS
11	PLY	11	INSTALL	11	KIT	11	PLY
11	RELEASE	11	PRESS	11	RANGE	11	RELEASE
11	WORLD	11	MISSION	11	WATER	11	WORLD
10	FUNCTION	10	PUT	10	DESCRIBED	10	FUNCTION
10	LIGHT	10	INDIVIDUAL	10	LIF	10	LIGHT
10	FACT	10	CONSERVATION	10	ONLY	10	FACT
10	SEPIES	10	ASID	10	RECONNAISSANCE	10	SEPIES
10	STANDARD	10	SIGNAL	10	SLIPE	10	STANDARD
10	TARLE	10	SUCH	10	SYMBOLS	10	TARLE
9	CORRECT	9	TO	9	COMPARER	9	CORRECT
9	LAMP	9	FREQUENCY	9	HOLD	9	LAMP
9	NECESSARY	9	WAVE	9	ARC	9	NECESSARY
9	DEST	9	PERFORM	9	DECODE	9	DEST
9	RATE	9	PROPER	9	RAD/HR	9	RATE
9	SECURE	9	REQUIRED	9	SAME	9	SECURE
9	X	9	TOP	9	VEHICLE	9	X
8	BEING	8	ATTACK	8	BEE	8	BEING
8	EMPLAC	8	DEFENSE	8	DIRECT	8	EMPLAC
8	HAID	8	ESTABLISH	8	GLIVES	8	HAID
8	INFORMATION	8	WAGON	8	INDICATES	8	INFORMATION
8	LAC-4	8	ATC-1400	8	POPP	8	LAC-4
8	PERFORM	8	PRESENT	8	PULLUP	8	PERFORM
8	TAVE	8	SMALL	8	SURE	8	TAVE
8	ZEPH	8	VEHICLES	8	WEEK	8	ZEPH
7	ASSIGNED	7	ALLOW	7	ARTERIA	7	ASSIGNED
7	CLASSIFICATION	7	BRACKET	7	BUT	7	CLASSIFICATION
7	FOLLOWING	7	DIFFERENT	7	DOSE	7	FOLLOWING
7	KTM-600	7	INSTRUMENT	7	K	7	KTM-600
7	PACAI	7	LEAD	7	MEASURES J J N105C	7	PACAI
7	PACKAGE	7	SURVE	7	CUT	7	PACKAGE
7	RECEIVED	7	PROTECT	7	DRIVTOP	7	RECEIVED
7	SECURITY	7	WPLY	7	G	7	SECURITY
7	SPLIT	7	SESSION	7	SHRUI	7	SPLIT
7	SUPPLY	7	STORAGE	7	SUPPLIES	7	SUPPLY
7	WHERE	7	TRIP	7	UNARMED	7	WHERE
6	J	6	TRY	6	J J115C	6	J
6	ADJUST	6	ACCORDING	6	ADD	6	ADJUST
6	AUTHENTICATE	6	ALP	6	APPROACH	6	AUTHENTICATE
6	BOARD	6	BATTERY/LAMP	6	BEFORE	6	BOARD
6	COMPONENTS	6	COMMUNICATION	6	COMPANY	6	COMPONENTS
6	DICKRAPS	6	DAY	6	DETECTION	6	DICKRAPS
6	DUPING	6	DISCARD	6	DSZ	6	DUPING
6	GC	6	FASTENERS	6	FEET J I	6	GC
6	LDP	6	INDEX	6	INSERT	6	LDP
6	LOOSE	6	LEFT	6	LOCK	6	LOOSE
6	NORMALLY	6	METERS J	6	M43	6	NORMALLY
6	PHASE	6	OFF / OFF	6	CPS	6	PHASE

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APPENDIX 8

60 ECL STRUCTURES AND LEXICON

The following list of 60 ECL structures is included as an addition to the structural and lexical list. These structures and lexical items are very basic. Giving examples of each and every item would make this document much more cumbersome. Therefore to facilitate review, this list was attached. (See Section II for discussion.)

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LIST OF LEXICAL AND STRUCTURAL ITEMS FOR A 60 ECL

Sentences:

- A. Declarative statement
- B. Interrogative question
 - (1) wh- questions
 - (2) tag questions
 - (3) yes/no questions
- C. Imperative command, polite request
- D. Exclamatory exclamation

Sentence Complexity:

- A. Simple one full subject and predicate
- B. Compound two or more independent clauses joined by:
 - a. punctuation
 - b. punctuation and conjunctive adverb
 - c. coordinate conjunction
- C. Complex one or more dependent clauses and an independent clause
- D. Compound-Complex two or more independent clauses and one or more dependent clauses.

Verbs:

- A. Concord subject-verb agreement
- B. Transitive takes an object
- C. Intransitive doesn't take an object
- D. Copula to be
- E. Linking connectors
- F. Auxiliaries of tense will, do, did
- G. Auxiliaries of modality should, ought to, must, have to, have got to, able to, can, may, might, could, would
- H. Tense present, past
- I. Aspect perfect, progressive

Verbal Forms:

- A. Present Participle active voice
- B. Past Participle passive voice

Voice:

- A. Active subject does action
- B. Passive subject does not do action
 - (a) agent expressed
 - (b) agent not expressed

Nouns:

- | | |
|---------------|-----------|
| A. Singular | man, pen |
| B. Plural | men, pens |
| C. Count | chairs |
| D. Mass | flour |
| E. Possessive | soldier's |
| F. Collective | fish |

Adjectives:

- | | |
|-----------------------------|---------------------------|
| A. Predicative | The tank is green. |
| B. Attributive | The green tank is moving. |
| C. Degrees of comparison | |
| (a) regular | big, bigger |
| (b) irregular | worse, worst |
| D. Ordinal/Cardinal Numbers | first, one |

Adverbs:

- | | |
|-------------------------|-------------------------|
| A. Time/Frequency | immediately, today, ago |
| B. Place/Position | here, there, everywhere |
| C. Manner | maybe, possibly |
| D. Negative | no, never |
| E. Comparison of Degree | nearest, harder |
| F. Degree | thoroughly, completely |

Articles:

- | | |
|---------------|-----------|
| A. Definite | a, the |
| B. Indefinite | any, some |

Pronouns:

- | | |
|------------------|---------------------|
| A. Personal | you |
| B. Demonstrative | that |
| C. Indefinite | anybody, both, each |
| D. Reflexive | himself, yourself |
| E. Cases of | I, me, my, mine |
| F. Relative | who, whom, whose |
| G. Interrogative | who, which, what |

Conjunctions:

- | | |
|-----------------------|------------------------------|
| A. Coordinating | and, but, or, nor |
| B. Subordinating | because, if, as, that, after |
| C. Correlative | either, or |
| D. Conjunctive adverb | therefore, furthermore |

Prepositions:

A. Simple

- | | |
|-----------------------------------|------------|
| (a) place | on, in |
| (b) time | in, at, on |
| (c) direction/motion | to |
| (d) manner/agent/
instrument | by, with |
| (e) measurement,
number amount | of |

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -
Elementary and Intermediate Phase of General English
materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

"two word verbs"