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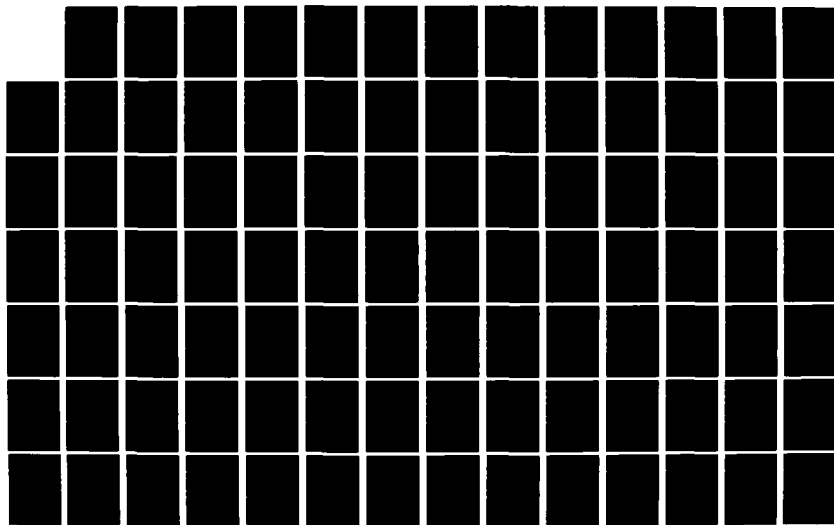
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 13E
CANNON FIRE DIRECTION S. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 28 SEP 79

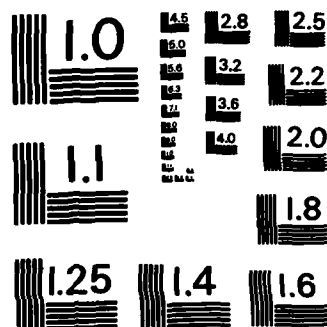
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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 13E

MOS

CANNON FIRE DIRECTION SPECIALIST

REFERENCE SOLDIER'S MANUAL DATED

28 September 1979

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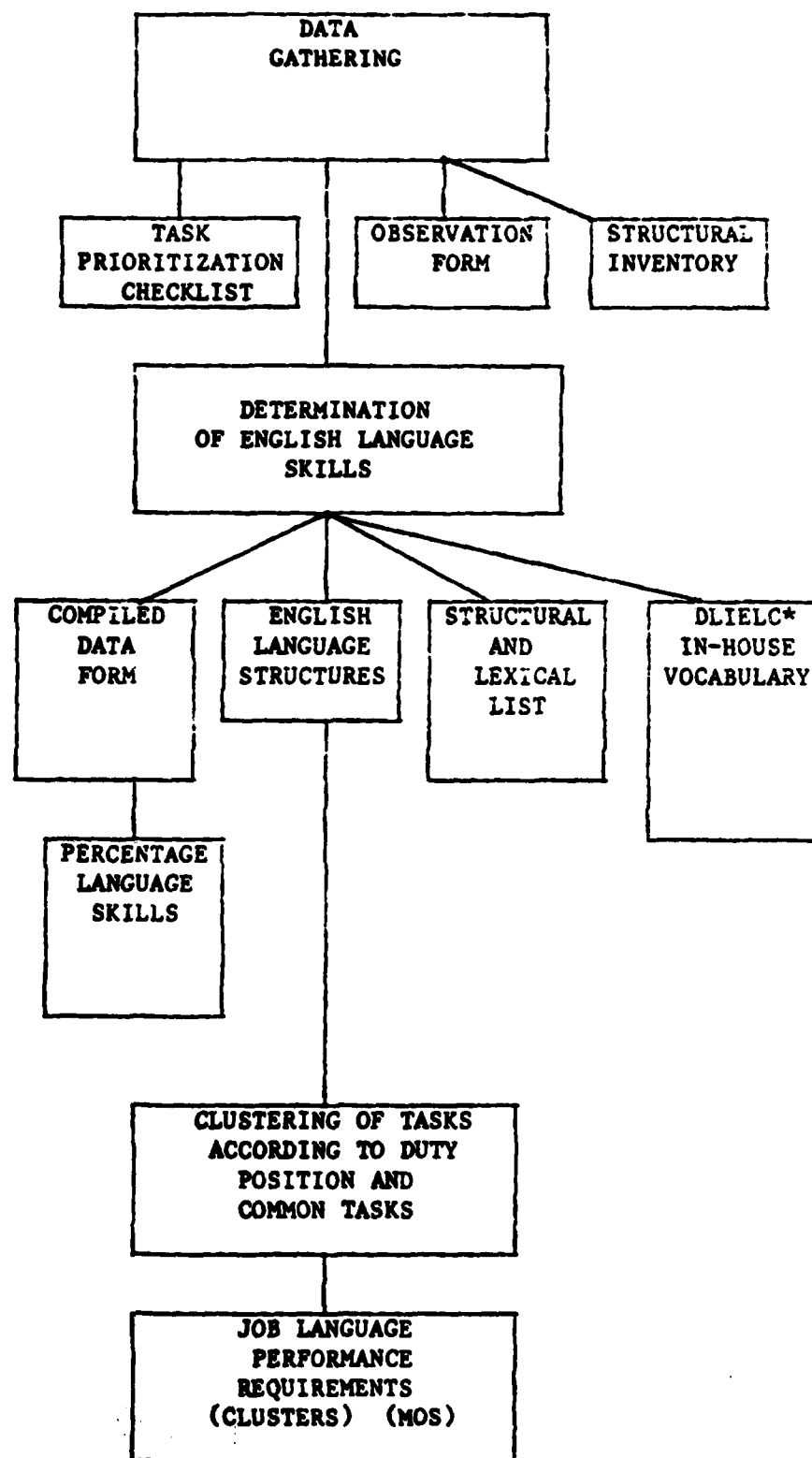


FIGURE 1

*Defense Language Institute English Language Center

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to deter- mine 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

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains 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 contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains 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 contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

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SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

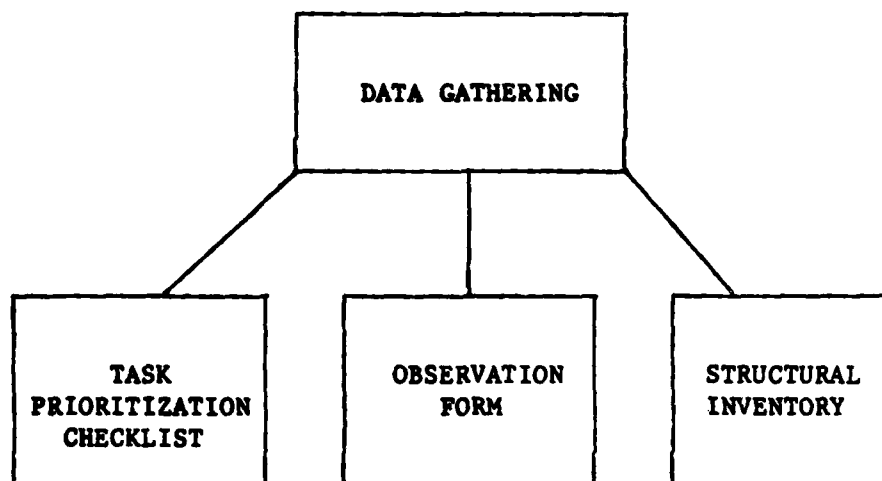


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

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

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

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

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/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 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

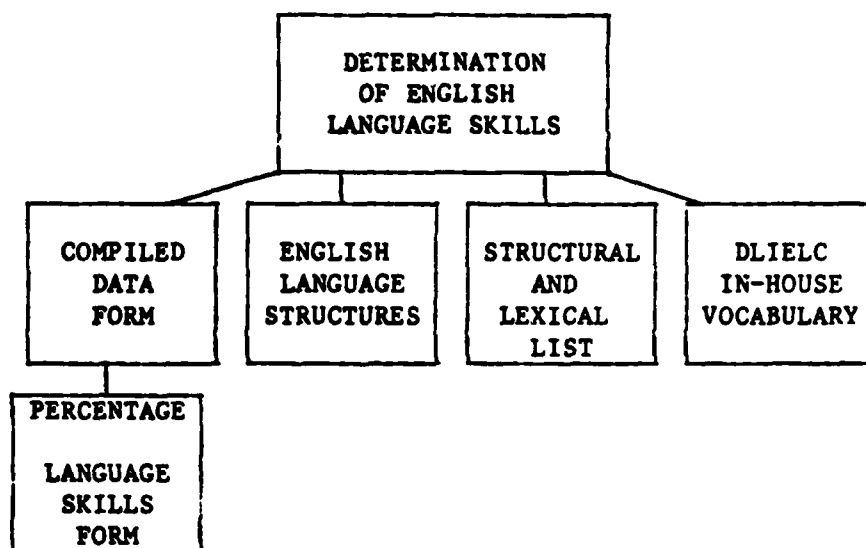


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables 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

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	21%
Speaking	11%
Reading	10%
Writing	10%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

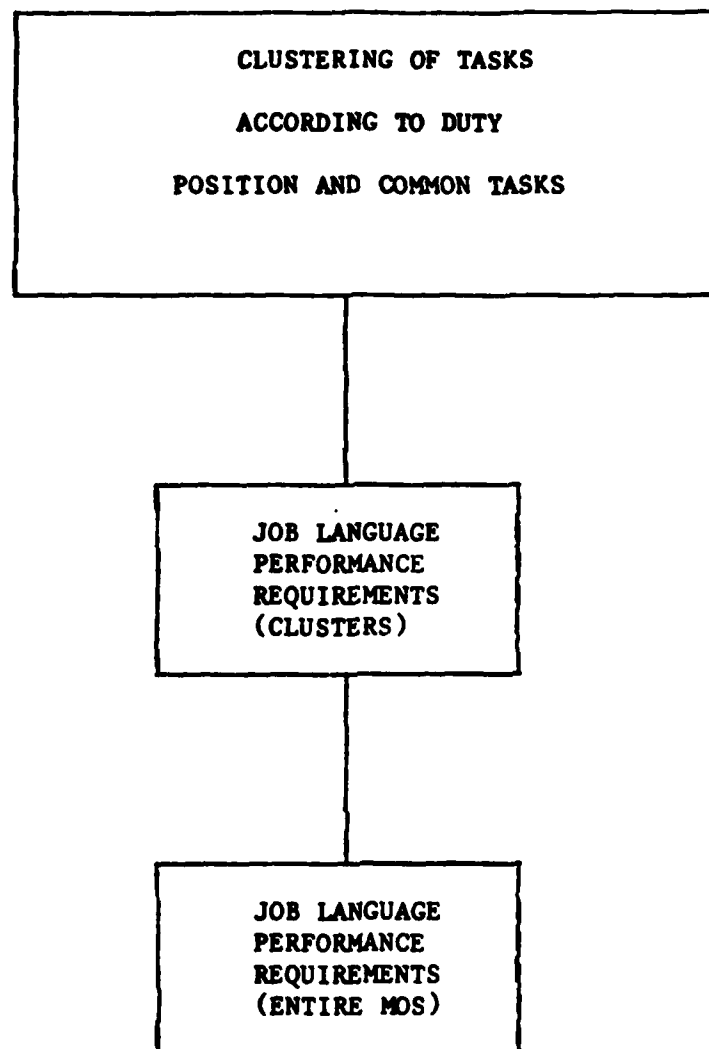


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

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

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. LAND NAVIGATION
8. M16A1 RIFLE
9. LIGHT ANTITANK WEAPON (LAW)
10. GRENADES
11. MINES
12. LEADERSHIP
13. M60 MACHINEGUN
14. MANUAL FIRE DIRECTION PROCEDURES
15. FADAC OPERATIONS
16. SUPERVISION OF FADAC OPERATIONS
17. FIELD COMMUNICATIONS
18. OPERATIONS SPECIALIST
19. CHRONOGRAPH OPERATOR
20. SENIOR CHRONOGRAPH OPERATOR
21. WHEELED/TRACKED VEHICLE OPERATIONS

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This 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 state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldier's duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

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

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldier's job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, field manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS 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.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	26%
Reading	21%
Writing	22%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
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 & 7)
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 & 7)
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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

081-831-1001	Perform Mouth-to-Mouth Resuscitation
081-831-1002	Perform Cardiopulmonary Resuscitation-CPR
081-831-1004	Apply First Aid Measures to Stop Bleeding
081-831-1005	Give First Aid to Prevent Shock
081-831-1009	Give First Aid for Wet or Cold Injuries

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	31%
Speaking	21%
Reading	17%
Writing	16%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed material
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-503-1008	Identify NBC Hazards and Take Appropriate Actions
031-503-1002	Put on and Wear A Protective Mask
031-503-1007	Decontaminate Self
031-503-1008	Decontaminate Individual Equipment
031-503-1001	Perform Operator's Maintenance on an M17-Series Protective Mask
031-503-1009	Satisfy Personal Needs in a Chemical Environment
031-503-1011	Perform Operator's Maintenance on an M24, M25, or M25A1 Protective Mask
031-503-2003	Place the Automatic Chemical Agent Alarm System into Operation
031-503-2004	Service the Automatic Chemical Agent Alarm System
031-503-2002	Decontaminate Equipment Using ABC-M11 Decontamination Apparatus
081-831-1015	Give Artificial Respiration to a Chemical Agent Casualty Using Back-Pressure Armlift Method

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	10%
Reading	7%
Writing	5%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanatory
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-327-0201	Maintain an Appropriate Level of Physical Fitness (Male Only)
--------------	---

BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords, and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-326-5703	Construct Individual Fighting Positions
071-326-0501	Move as a Member of a Fire Team

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	19%
Speaking	13%
Reading	9%
Writing	10%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-202-1001	Camouflage/Conceal Self and Individual Equipment
051-202-1002	Camouflage/Conceal Equipment
051-202-1003	Camouflage/Conceal Defensive Positions

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	25%
Reading	13%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to orally interact
CONDITIONS:	Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, tables and security situations
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-331-0801	Use Challenge and Password
071-331-0803	Collect/Report Information - Salute

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	12%
Reading	15%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to record the grid reference
STANDARDS: 100% legible written content

III. TASK NUMBERS AND TITLES

071-326-0515	Select a Movement Route Using a Map
071-329-1006	Navigate from one Position on the Ground to Another Point
071-329-1007	Determine Distance While Moving Between 2 Points on the Ground
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map Using the Military Grid Reference System
071-329-7009	Convert Azimuths (Magnetic or Grid)
071-329-1024	Measure an Azimuth on a Map with a Protractor
071-329-1008	Measure Distance on a Map

071-329-1022 Determine an Unknown Point on a Map or on the Ground by Intersection
071-329-1023 Determine an Unknown Point on a Map or on the Ground by Resection
071-329-1004 Determine the Elevation of a Point on the Ground Using a Map
071-329-1025 Orient a Map Using a Declinated M2 Compass
071-329-7012 Orient a Map to the Ground by Map-Terrain Association
071-329-1005 Determine a Location on the Ground by Terrain Association

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	18%
Reading	18%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-311-2007	Qualify with the M16A1 Rifle
071-311-2003	Load, Reduce a Stoppage, and Clear an M16A1 Rifle
071-311-2001	Perform Operator Maintenance on M16A1 Rifle, Magazines and Ammunition
071-311-2004	Battlesight Zero M16A1 Rifle

LIGHT ANTITANK WEAPON (LAW)

I. PERCENTAGE LANGUAGE SKILLS

Listening	22%
Speaking	13%
Reading	3%
Writing	4%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to produce a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-318-2201	Prepare an M72A2 LAW for Firing: Restore M72A2 LAW to Carrying Configuration
071-318-2202	Engage Targets with an M72A2 LAW
071-318-2202	Apply Immediate Action to Correct a Malfunction on an M72A2 LAW

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

Listening	11%
Speaking	3%
Reading	2%
Writing	3%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-311-2104	Engage Targets with an M203 Grenade Launcher and Apply Immediate Action to Reduce a Stoppage
071-311-2101	Perform Operator Maintenance on M203 Grenade Launcher and Ammunition
071-325-4401	Perform Safety Checks on Hand Grenades
071-325-4402	Engage Enemy Targets with Hand Grenades

MINES

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4,) using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to mark mine fields
STANDARDS:	100% understandable and legible written communication

III. TASK NUMBERS AND TITLES

051-192-1003	Install the M18A1 Fragmentation Antipersonnel Mine (Claymore) with and without Tripwires
051-192-1013	Disarm the M18A1 Fragmentation Antipersonnel Mine (Claymore) Equipped with and without Tripwires

LEADERSHIP

I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	38%
Reading	33%
Writing	38%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to respond
CONDITIONS:	Given a scenario involving simple questions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given situations requiring inspections, supervision and counseling in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of references, manuals, procedures and instructions
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-328-5301 Inspect Personnel/Equipment

M60 MACHINEGUN

I. PERCENTAGE LANGUAGE SKILLS

Listening	13%
Speaking	0%
Reading	1%
Writing	2%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to answer in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of requirements, captioned illustrations and labels
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-312-3001	Operate an M60 Machinegun
071-312-3005	Perform operator Maintenance on an M60 Machinegun and Ammunition
071-312-2320	Mount/Dismount an M60 Machinegun on an M122 Tripod
441-099-1001	Engage an Aerial Target with an M60 Machinegun
071-312-3002	Fire the M60 Machinegun for Familiarization
071-312-3007	Prepare a Range Card for an M60 Machinegun

MANUAL FIRE DIRECTION PROCEDURES

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	22%
Reading	31%
Writing	34%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to warn
CONDITIONS:	Given a requirement to utter verbal warnings in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, maps, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-280-1000	Prepare and Transmit Messages to Observer
061-280-1001	Prepare a Surveyed Firing Chart
061-280-1002	Plot Targets, Determine and Announce Chart Data and Angle T
061-280-1003	Replot Targets as Directed and Determine and Announce Grid Location

061-280-1004	Transfer from a Map-Spotted Firing Chart to a Surveyed Firing Chart
061-280-1005	Construct an Emergency Firing Chart
061-280-1006	Construct TGPC Sectors
061-280-1007	Compute and Announce Site, Angle of Site, and Vertical Angles
061-280-1100	Determine Basic Firing Data for an HE Projectile with a GFT/GFT Fan (Fuze Quick, Time and VT)
061-280-1200	Determine Basic Firing Data for an HE Projectile with a GFT (High Angle)
061-280-1300	Construct a GFT Setting and Apply Deflection Corrections to a GFT/GFT Fan
061-280-1101	Determine Basic Firing Data for an HE Projectile with a GFT Setting Applied (GFT or GFT Fan)
061-280-1600	Determine Firing Data for Shell ICM Using the ICM Scale on the GFT
061-280-1601	Determine Firing Data for One-Gun Illumination using the GFT
061-280-1102	Complete the Record of Fire for a Low Angle Adjust Fire Mission (Fuze Quick, Time and VT)
061-280-1201	Complete the Record of Fire for a High Angle Adjust Fire Mission (Fuze Quick and VT)
061-280-1400	Determine Total Corrections From a Registration
061-280-1401	Determine Position Corrections by Solution of a Concurrent MET Message
061-280-1402	Update a GFT Setting and GFT Deflection Correction by Solution of a Subsequent MET Message
061-280-1008	Determine Data to Orient Observers for an HB/MPI (or Radar HB/MPI) Registration
061-280-1009	Determine the HB/MPI Location by Graphic Intersection
061-280-1010	Determine the HB/MPI (or Radar HB/MPI) Location by Plotting Polar Coordinates
061-280-1011	Plot the HB/MPI (or Radar HB/MPI) Location by Grid Coordinates
061-280-2300	Determine Adjusted Firing Data from a Low Angle Impact and Time Registration
061-280-2301	Determine Adjusted Firing Data from a Second Lot Registration
061-280-2302	Determine and Apply Low Angle GFT Setting and Deflections Corrections to Graphical Equipment
061-280-2303	Determine and Announce Fire Commands for a Destruction Mission
061-280-2304	Transfer a GFT Setting and Deflection Correction from an Offset Registration
061-280-2600	Determine Corrections for a Non-Standard Weight Projectile
061-280-2601	Determine Firing Data for a HOB Correction for Shell ICM
061-280-2602	Determine Firing Data for Shell Toxic, Chemical
061-280-2603	Determine Firing Data for Shell WP
061-280-2604	Determine and Announce Fire Commands for Illumination Missions
061-280-2605	Determine and Announce Fire Commands for an Immediate Smoke Mission
061-280-2606	Determine and Announce Fire Commands for a Quick Smoke Mission

061-280-2400	Determine GFT Settings for 6400 Mils (8 Directional MET)
061-280-2401	Determine the Data for a Two-Plot GFT Setting by Solving a MET to a MET Check Gagepoint, and Construct the Two-Plot GFT Setting
061-280-2000	Direct the Construction of an Emergency Firing Chart
061-280-2305	Determine the New GFT Setting in Transfer From a Map-Spotted Firing Chart to a Surveyed Firing Chart
061-280-2100	Determine and Announce Replot Data (Fuze Quick and VT)
061-280-2101	Determine and Announce Replot Data (Fuze Time)
061-280-2700	Determine and Apply Position Corrections with an M10/M17 Plotting Board
061-280-2701	Determine and Announce Firing Data Using Special Corrections with an M10/M17 Plotting Board
061-280-2702	Determine Piece Displacement Using Hasty Traverse Procedures
061-280-2703	Compute Terrain Gun Position Corrections (TGPC)
061-280-2500	Determine Firing Data for Shell 155mm Nuclear Using the Observer Adjustment Technique
061-280-2501	Determine Firing Data for Shell 155mm Nuclear Using the K-Transfer Technique
061-280-2502	Determine Firing Data for Shell 155mm Nuclear Using the MET Correction Technique
061-280-2503	Determine Firing Data for Shell 8-inch Nuclear Using the Observer Adjustment Technique
061-280-2504	Determine Firing Data for Shell 8-inch Nuclear Using the K-Transfer Technique
061-280-2505	Determine Firing Data for Shell 8-inch Nuclear Using the MET + VE Technique
061-280-2102	Determine and Announce Fire Commands for a Zone and Sweep Mission
061-280-2103	Determine and Announce Fire Commands for Prearranged Fires
061-280-2104	Assist an Untrained Observer with the Conduct of a Fire Mission
061-280-2306	Determine Firing Data for an Assault Fire Mission
061-280-2105	Determine and Announce Fire Commands for a Mass Fire Mission
061-280-2402	Determine Firing Data by Solution of a MET to a Target

FADAC OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	14%
Reading	14%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
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 structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, computer readouts, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record firing DATA using FADAC
STANDARDS:	100% accurately typed (keyboarded) content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-281-1000	Prepare the FADAC for Operation
061-281-1001	Enter Known Data into FADAC
061-281-1002	Input Residuals into FADAC as Directed by Computer
061-281-1100	Determine Firing Data Using FADAC (Area Mission) for a Target Located by Grid Coordinates (HE: Q, TI, VT)
061-281-1101	Determine Firing Data Using FADAC (Area Mission) for a Target Located by Polar Plot (HE: Q, TI, VT)
061-281-1102	Determine Firing Data Using FADAC (Area Mission) for a Target Located by Shift from a Known Point (HE: Q, TI, VT)
061-281-1103	Determine Firing Data Using FADAC (Area Mission) to Mass the Fires of More than One Firing Unit
061-281-1300	Derive Adjusted Data for a GFT Setting Using FADAC
061-280-1103	Determine Chart Data Using Manual Backup Procedures
061-281-1600	Determine Firing Data for Specific Shell Fuze Combinations
061-281-1301	Compute, Store, and Transfer Registration corrections using FADAC
061-281-1303	Determine Observer Orienting Data, Firing Data, and Location Data for an HB/MPI/Registration Using FADAC
061-281-1304	Determine Radar Orienting Data, Firing Data and HB/MPI Location Data for a Radar Registration Using FADAC
061-281-1003	Replot Targets with FADAC (Q, TI, VT)
061-281-1302	Derive Adjusted Data for 6400 Mil GFT Settings (8 Directions) Using FADAC
061-279-6001	Operate a GED Generator Set (FADAC)
061-279-6002	Service a GED Generator Set (FADAC)

SUPERVISION OF FADAC OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	21%
Speaking	9%
Reading	7%
Writing	6%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen for information
CONDITIONS: Given oral instructions and verbal commands to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to give instructions and supervision in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, computer readouts, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to complete a "record of fire" card
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-281-2300	Direct the FADAC Operator to Compute, Store and Transfer Registration Corrections
061-281-2301	Direct the FADAC Operator to Derive Adjusted Data for a Two-Plot GFT Setting
061-281-200~	Direct the FADAC Operator to Replot Targets with FADAC (Q, VT, TI)
061-281-2302	Direct the FADAC Operator to Recompute Registration Corrections Following Receipt of a Concurrent MET
061-281-2303	Direct the FADAC Operator to Derive Adjusted Data for 6400 Mil GFT Settings (8 Directions)

061-281-2100	Direct the Massing of More than One Fire Unit Using FADAC
061-281-2101	Direct the Conduct of Multiple Missions with FADAC
061-281-2102	Direct the FADAC Operator to Compute Firing Data for Irregularly-Shaped Targets
061-280-2106	Conduct a Fire Mission Using Manual Backup Procedures
061-281-2600	Direct the FADAC Operator to Determine Firing Data for Shells ICM, Illumination and Nuclear Using FADAC

FIELD COMMUNICATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	22%
Speaking	15%
Reading	11%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-600-1001	Install Telephone Set TA-312/PT
113-600-2001	Operate Field Telephone TA-312/PT
113-600-3001	Perform Operator Preventive Maintenance on Field Telephone TA-312/PT
113-588-3011	Perform Operator Maintenance on Communication Wire
113-594-2004	Operate Switchboard Telephone Manual SB-22/PT or SB-22A/PT
113-594-2005	Prepare/Operate Switchboard SB 993
113-587-1003	Install Radio Set AN/VRC-64
113-587-2002	Operate Radio Set AN/VRC-64
113-587-3005	Perform Operator Maintenance on Radio Sets AN/PRC-77 and AN/GRC-25 or AN/GRC-160
113-587-2021	Prepare for Operation and Operate Radio Set AN/VRC-46
113-587-3004	Perform Operator Maintenance on Radio Set AN/VRC-46 and AN/VRC-47
113-622-2003	Install and Operate Radio Remote Control Equipment
113-622-3005	Perform Operator Checks and Services On Radio Remote Control Equipment
113-596-1003	Erect/Dismantle Antenna RC-292
113-596-3001	Perform Operator Checks and Services on Antenna RC-292
113-609-2008	Prepare for Operation and Operate Speech Security Equipment TSEC/KY-38
113-587-2019	Prepare for Operation and Operate Intercommunication Set AN/VIC-1 with AN/VRC-46
113-596-1009	Install/Dismantle Antenna AT 984A/G
061-306-6001	Perform Low-Level Anti-Jamming Procedures
113-571-1005	Send or Receive a Radio Telephone Message
061-283-6003	Call for/Adjust Indirect Fire
113-573-4002	Use KAL-61B KTC 1400 Numerical Code to Authenticate Transmissions and Encrypt/Decrypt Numbers and Grid Zone Letters
113-573-4001	Encode and Decode Messages Using a KTC-600 Tactical Operations Code

OPERATIONS SPECIALIST

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural items (Appendices 5 & 7)
STANDARDS:	100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and label
CONDITIONS:	Given a requirement to complete DA Forms and prepare maps
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-305-6006	Prepare a Map Overlay
061-332-5051	Prepare/Post Daily Staff Journal
061-284-6001	Prepare a Fire Support Situation Map
061-284-6003	Prepare a Fire Support Capability Overlay

CHRONOGRAPH OPERATOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to interact
CONDITIONS:	Given the requirement to orally respond in a team situation
STANDARDS:	100% understandable oral utterances
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 structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, computer readouts, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record data on a chronograph
STANDARDS:	100% accurately typed (keyboarded) content

III. TASK NUMBERS AND TITLES

061-280-1900	Prepare the M36 Radar Chronograph for Operation
061-280-1901	Perform Operational Checks and Adjustments on the M36 Radar Chronograph
061-280-1902	Operate an M36 Radar Chronograph

SENIOR CHRONOGRAPH OPERATOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of 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), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of instructions
STANDARDS: 100% understanding of printed content

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of computer readouts
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to complete a chronograph record sheet
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-280-2900	Correlate the M36 Radar Chronograph Aiming System with the Aiming System of the Weapon to be Calibrated Using the Common Aiming Point Method
061-280-2901	Correlate the M36 Radar Chronograph Aiming System of a Weapon to be Calibrated Using Reciprocal Laying Procedure
061-280-2902	Correlate the M36 Radar Chronograph Aiming System with the Aiming System of a Weapon to be Calibrated Using the Aiming Circle Method
061-280-2903	Reduce the M36 Radar Chronograph Readout Velocity to Calibrated Muzzle Velocities Using Manual Methods

WHEELED/TRACKED VEHICLE OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, labels, signs, definitions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given DA forms and vehicle logbook
STANDARDS:	100% legible written communication

III. TASK NUMBERS AND TITLES

551-721-1007	Perform Before-Operation Maintenance
551-721-1008	Perform During-Operation Maintenance
551-721-1009	Perform After-Operation Maintenance
551-721-1003	Prepare DA Form 2408-1 (Equipment Daily or Monthly Log) Daily
551-721-1016	Drive Vehicle in Motor March or Convoy
551-721-1837	Start the Engine of a Vehicle Using Auxilliary Power from an Outside Source

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

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, 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 presented oral language task.

The following are specific conditions found in this language task:

Warnings
Described situations
Directions
Lectures
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 responses.
- 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
Coded messages
Spellings
Conversation
Requests

SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- 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 and syntax 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 communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

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

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 in simple to complex printed form in any training situation. (Appendices 4, 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 in simple to complex written form in any training situation. (Appendices 4, 5 & 6)

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-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, 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 situations. (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
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the
Department of the Army in 1980.

YOUR CURRENT MOS: _____
(PRESENT WORKING IN) _____

MOS IN WHICH YOU WERE TRAINED: _____
POSITION: _____
UNIT: _____

*RATING: 1=low
2=me
3=high

IMPORTANCE OF:		HOW TAUGHT		TESTED?		PERFORM RESULT:	
IS TASK TAUGHT?		HANDS-ON		IS TASK TESTED?		DANGER	
YES	NO	LECTURE	YES	WRITTEN	PERSON	EQUIP.	
		SELF-PACED	NO	ORAL	PERFORMANCE		
		DEMONSTRATION					
		LISTENING*					
		SPEAKING*					
		READING*					
		WRITING*					

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

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

[illegible]

[illegible]

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT		IMPORTANCE		EQUIPMENT		DANGER TO PERSON OR		TECHNICAL SKILL		KNOWLEDGE		ATTITUDE		TOTAL		AVERAGE		STANDARD DEVIATION		COEFFICIENT OF VARIATION		CORRELATION COEFFICIENT		SIGNIFICANT DIFFERENCE		P-VALUE		T-TEST		F-TEST		CHI-SQUARE		KAPPA		CROSS TABULATION		LOGIT		PROBIT		DISCRIMINANT ANALYSIS		MULTIPLE REGRESSION		LOGISTIC REGRESSION		GENERALIZED LINEAR MODEL		STRUCTURAL EQUATION MODELING		FACTOR ANALYSIS		PRINCIPAL COMPONENT ANALYSIS		CANONICAL CORRELATION ANALYSIS		PATH ANALYSIS		SYSTEM DYNAMICS		AGENT-BASED MODELING		COMPLEX NETWORK ANALYSIS		COMPLEX ADAPTIVE SYSTEMS		COMPLEX SYSTEMS ANALYSIS		COMPLEX SYSTEMS DESIGN		COMPLEX SYSTEMS MANAGEMENT		COMPLEX SYSTEMS OPTIMIZATION		COMPLEX SYSTEMS SIMULATION		COMPLEX SYSTEMS TESTING		COMPLEX SYSTEMS VALIDATION		COMPLEX SYSTEMS VERIFICATION		COMPLEX SYSTEMS INTEGRATION		COMPLEX SYSTEMS DEPLOYMENT		COMPLEX SYSTEMS MAINTENANCE		COMPLEX SYSTEMS REPAIR		COMPLEX SYSTEMS REPLACEMENT		COMPLEX SYSTEMS DISPOSAL		COMPLEX SYSTEMS LIFECYCLE MANAGEMENT		COMPLEX SYSTEMS RISK ANALYSIS		COMPLEX SYSTEMS SECURITY ANALYSIS		COMPLEX SYSTEMS COMPLIANCE ANALYSIS		COMPLEX SYSTEMS ETHICS ANALYSIS		COMPLEX SYSTEMS LEGAL ANALYSIS		COMPLEX SYSTEMS POLICY ANALYSIS		COMPLEX SYSTEMS STRATEGY ANALYSIS		COMPLEX SYSTEMS TACTICS ANALYSIS		COMPLEX SYSTEMS OPERATIONS ANALYSIS		COMPLEX SYSTEMS SUPPORT ANALYSIS		COMPLEX SYSTEMS TRAINING ANALYSIS		COMPLEX SYSTEMS EVALUATION		COMPLEX SYSTEMS IMPROVEMENT		COMPLEX SYSTEMS INNOVATION		COMPLEX SYSTEMS TRANSFORMATION		COMPLEX SYSTEMS CHANGE MANAGEMENT		COMPLEX SYSTEMS ORGANIZATION DESIGN		COMPLEX SYSTEMS HUMAN RESOURCE MANAGEMENT		COMPLEX SYSTEMS FINANCIAL MANAGEMENT		COMPLEX SYSTEMS LOGISTICS MANAGEMENT		COMPLEX SYSTEMS SUPPLY CHAIN MANAGEMENT		COMPLEX SYSTEMS CUSTOMER RELATIONSHIP MANAGEMENT		COMPLEX SYSTEMS MARKETING MANAGEMENT		COMPLEX SYSTEMS SALES MANAGEMENT		COMPLEX SYSTEMS DISTRIBUTION MANAGEMENT		COMPLEX SYSTEMS RETAIL MANAGEMENT		COMPLEX SYSTEMS WHOLESALE MANAGEMENT		COMPLEX SYSTEMS IMPORT/EXPORT MANAGEMENT		COMPLEX SYSTEMS FREIGHT MANAGEMENT		COMPLEX SYSTEMS CARRIER MANAGEMENT		COMPLEX SYSTEMS PORT/TERMINAL MANAGEMENT		COMPLEX SYSTEMS AIRPORT MANAGEMENT		COMPLEX SYSTEMS SEAPORT MANAGEMENT		COMPLEX SYSTEMS RAILROAD MANAGEMENT		COMPLEX SYSTEMS TRUCK MANAGEMENT		COMPLEX SYSTEMS BUS MANAGEMENT		COMPLEX SYSTEMS TAXI MANAGEMENT		COMPLEX SYSTEMS METRO MANAGEMENT		COMPLEX SYSTEMS AIRLINE MANAGEMENT		COMPLEX SYSTEMS SHIPPING MANAGEMENT		COMPLEX SYSTEMS POSTAL MANAGEMENT		COMPLEX SYSTEMS TELECOMMUNICATIONS MANAGEMENT		COMPLEX SYSTEMS ENERGY MANAGEMENT		COMPLEX SYSTEMS WATER MANAGEMENT		COMPLEX SYSTEMS WASTE MANAGEMENT		COMPLEX SYSTEMS ENVIRONMENTAL MANAGEMENT		COMPLEX SYSTEMS CLIMATE MANAGEMENT		COMPLEX SYSTEMS OCEAN MANAGEMENT		COMPLEX SYSTEMS SPACE MANAGEMENT		COMPLEX SYSTEMS ASTRONAUTICS MANAGEMENT		COMPLEX SYSTEMS ROBOTICS MANAGEMENT		COMPLEX SYSTEMS AUTOMATION MANAGEMENT		COMPLEX SYSTEMS ARTIFICIAL 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SEAPORT MANAGEMENT		COMPLEX SYSTEMS RAILROAD MANAGEMENT		COMPLEX SYSTEMS TRUCK MANAGEMENT		COMPLEX SYSTEMS BUS MANAGEMENT		COMPLEX SYSTEMS TAXI MANAGEMENT		COMPLEX SYSTEMS METRO MANAGEMENT		COMPLEX SYSTEMS AIRLINE MANAGEMENT		COMPLEX SYSTEMS SHIPPING MANAGEMENT		COMPLEX SYSTEMS POSTAL MANAGEMENT		COMPLEX SYSTEMS TELECOMMUNICATIONS MANAGEMENT		COMPLEX SYSTEMS ENERGY MANAGEMENT		COMPLEX SYSTEMS WATER MANAGEMENT		COMPLEX SYSTEMS WASTE MANAGEMENT		COMPLEX SYSTEMS ENVIRONMENTAL MANAGEMENT		COMPLEX SYSTEMS CLIMATE MANAGEMENT		COMPLEX SYSTEMS OCEAN MANAGEMENT		COMPLEX SYSTEMS SPACE MANAGEMENT		COMPLEX SYSTEMS ASTRONAUTICS MANAGEMENT		COMPLEX SYSTEMS ROBOTICS MANAGEMENT		COMPLEX SYSTEMS AUTOMATION MANAGEMENT		COMPLEX SYSTEMS ARTIFICIAL INTELLIGENCE MANAGEMENT		COMPLEX SYSTEMS DATA SCIENCE MANAGEMENT		COMPLEX SYSTEMS BIG DATA MANAGEMENT		COMPLEX SYSTEMS CLOUD COMPUTING MANAGEMENT		COMPLEX SYSTEMS CYBERSECURITY MANAGEMENT		COMPLEX SYSTEMS INFORMATION TECHNOLOGY MANAGEMENT		COMPLEX SYSTEMS SOFTWARE DEVELOPMENT MANAGEMENT		COMPLEX SYSTEMS QUALITY ASSURANCE MANAGEMENT		COMPLEX SYSTEMS PROJECT MANAGEMENT		COMPLEX SYSTEMS PROGRAM MANAGEMENT		COMPLEX SYSTEMS PORTFOLIO MANAGEMENT		COMPLEX SYSTEMS INVESTMENT MANAGEMENT		COMPLEX SYSTEMS FINANCIAL SERVICES MANAGEMENT		COMPLEX SYSTEMS HEALTHCARE MANAGEMENT		COMPLEX SYSTEMS EDUCATION MANAGEMENT		COMPLEX SYSTEMS GOVERNMENT MANAGEMENT		COMPLEX SYSTEMS NON-PROFIT MANAGEMENT		COMPLEX SYSTEMS SOCIAL ENTERPRISE MANAGEMENT		COMPLEX SYSTEMS ENTREPRENEURSHIP MANAGEMENT		COMPLEX SYSTEMS INNOVATION MANAGEMENT		COMPLEX SYSTEMS VENTURE CAPITAL MANAGEMENT		COMPLEX SYSTEMS PRIVATE EQUITY MANAGEMENT		COMPLEX SYSTEMS PUBLIC EQUITY MANAGEMENT		COMPLEX SYSTEMS REAL ESTATE MANAGEMENT		COMPLEX SYSTEMS CONSTRUCTION MANAGEMENT		COMPLEX SYSTEMS MANUFACTURING MANAGEMENT		COMPLEX SYSTEMS SERVICE INDUSTRY MANAGEMENT		COMPLEX SYSTEMS RETAIL MANAGEMENT		COMPLEX SYSTEMS WHOLESALE MANAGEMENT		COMPLEX SYSTEMS IMPORT/EXPORT MANAGEMENT		COMPLEX SYSTEMS FREIGHT MANAGEMENT		COMPLEX SYSTEMS CARRIER MANAGEMENT		COMPLEX SYSTEMS PORT/TERMINAL MANAGEMENT		COMPLEX SYSTEMS AIRPORT MANAGEMENT		COMPLEX SYSTEMS SEAPORT MANAGEMENT		COMPLEX SYSTEMS RAILROAD MANAGEMENT		COMPLEX SYSTEMS TRUCK MANAGEMENT		COMPLEX SYSTEMS BUS MANAGEMENT		COMPLEX SYSTEMS TAXI MANAGEMENT		COMPLEX SYSTEMS METRO MANAGEMENT		COMPLEX SYSTEMS AIRLINE MANAGEMENT		COMPLEX SYSTEMS SHIPPING MANAGEMENT		COMPLEX SYSTEMS POSTAL MANAGEMENT		COMPLEX SYSTEMS TELECOMMUNICATIONS MANAGEMENT		COMPLEX SYSTEMS ENERGY MANAGEMENT		COMPLEX SYSTEMS WATER MANAGEMENT		COMPLEX SYSTEMS WASTE MANAGEMENT		COMPLEX SYSTEMS ENVIRONMENTAL MANAGEMENT		COMPLEX SYSTEMS CLIMATE MANAGEMENT		COMPLEX SYSTEMS OCEAN MANAGEMENT		COMPLEX SYSTEMS SPACE MANAGEMENT		COMPLEX SYSTEMS ASTRONAUTICS MANAGEMENT		COMPLEX SYSTEMS ROBOTICS MANAGEMENT		COMPLEX SYSTEMS AUTOMATION MANAGEMENT		COMPLEX SYSTEMS ARTIFICIAL INTELLIGENCE MANAGEMENT		COMPLEX SYSTEMS DATA SCIENCE MANAGEMENT		COMPLEX SYSTEMS BIG DATA MANAGEMENT		COMPLEX SYSTEMS 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PAGE OF		DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
UNIT	difficult?		
	tested?		
NOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____			
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
ALT	difficult?		
	tested?		
	taught?		
EVALUATION			

[illegible]

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	AIT	LAST GROUP
writing	written	self-paced	danger to person or equipment	difficult?	
reading	oral	hands on	importance	tested?	
speaking	performance	demonstration		taught?	
listening		lecture			

TASK		TRAINING SPECIALIST	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
UNIT	difficult?		
	tested?		
MOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____			
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
AIT	difficult?		
	tested?		
	important?		
72-5 100004			

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		UNIT		NOS: _____ NUMBER OF RESPONSES: _____		DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____	
RATING OF ELS	writing	METHODS OF TESTING	written	METHODS OF TEACHING	self-paced	CRITICALITY	danger to person or equipment	UNIT	difficult?	NOS: _____	NUMBER OF RESPONSES: _____	DATA OBTAINED FROM: _____	TRAINING SPECIALIST: _____
	reading		oral		hands-on		importance		tested?				
	speaking		performance		demonstration								
	listening				lecture								
METHODS OF TESTING	written	METHODS OF TEACHING	self-paced	CRITICALITY	danger to person or equipment	UNIT	difficult?	NOS: _____	NUMBER OF RESPONSES: _____	DATA OBTAINED FROM: _____	TRAINING SPECIALIST: _____		
	oral		hands-on		importance		tested?						
	performance		demonstration										
			lecture										
METHODS OF TEACHING	self-paced	CRITICALITY	danger to person or equipment	UNIT	difficult?	NOS: _____	NUMBER OF RESPONSES: _____	DATA OBTAINED FROM: _____	TRAINING SPECIALIST: _____				
	hands-on		importance		tested?								
	demonstration												
	lecture												
CRITICALITY	danger to person or equipment	UNIT	difficult?	NOS: _____	NUMBER OF RESPONSES: _____	DATA OBTAINED FROM: _____	TRAINING SPECIALIST: _____						
	importance		tested?										
UNIT	difficult?	NOS: _____	NUMBER OF RESPONSES: _____	DATA OBTAINED FROM: _____	TRAINING SPECIALIST: _____								
	tested?												
NOS: _____	NUMBER OF RESPONSES: _____	DATA OBTAINED FROM: _____	TRAINING SPECIALIST: _____										

DATA OBTAINED FROM:		TRAINING SPECIALIST:	
RATING OF ELS	writing reading speaking listening		
METHODS OF TESTING	written oral performance		
METHODS OF TEACHING	self-paced hands-on demonstration lecture		
CRITICALITY	danger to person or equipment importance		
UNIT	difficult? tested?		
MOS: _____ NUMBER OF RESPONSES: _____			
DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____	
RATING OF ELS	writing reading speaking listening		
METHODS OF TESTING	written oral performance		
METHODS OF TEACHING	self-paced hands on demonstration lecture		
CRITICALITY	danger to person or equipment importance		
AIT	difficult? tested? RL?		
22-1			

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		UNIT	
writing		written		self-paced		danger to person or equipment		difficult?	
reading		oral		hands-on		importance		tested?	
speaking		performance		demonstration					
listening				lecture					

NOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		ATT	
writing		written		self-paced		danger to person or equipment		difficult?	
reading		oral		hands-on		importance		tested?	
speaking		performance		demonstration				thought?	
listening				lecture					

FAVORABLE

[illegible]

MOS: _____ NUMBER OF RESP' SES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

[illegible]

		TRAINING SPECIALIST																				
RATING OF ELS	writing																					
	reading																					
	speaking																					
	listening																					
METHODS OF TESTING	written																					
	oral performance																					
METHODS OF TEACHING	self-paced																					
	hands-on																					
	demonstration																					
	lecture																					
CRITICALITY	danger to person or equipment																					
	importance																					
UNIT	difficult?																					
	tested?																					
MOS: _____ NUMBER OF RESPONSES: _____																						
DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____																						
RATING OF ELS	writing																					
	reading																					
	speaking																					
	listening																					
METHODS OF TESTING	written																					
	oral performance																					
METHODS OF TEACHING	self-paced																					
	hands on																					
	demonstration																					
	lecture																					
CRITICALITY	danger to person or equipment																					
	importance																					
ATT	difficult?																					
	tested?																					
	taught?																					
SIGNATURE																						

1-5		DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____	
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands-on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
UNIT	difficult?				
	tested?				
MOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____					
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
AIT	difficult?				
	tested?				
	taught?				
TASK NUMBER					

[illegible]

PAGE		DATE		TIME	
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands-on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
UNIT	difficult?				
	tested?				
MOS: _____		NUMBER OF RESP. SES: _____			
DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____			
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
AIT	difficult?				
	tested?				
	unit?				
TALENT					

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	MOS: _____		NUMBER OF RESPONSES: _____	
					DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____	
1.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	1	1	1	1
					1	1	1	1
					1	1	1	1
					1	1	1	1
2.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	1	1	1	1
					1	1	1	1
					1	1	1	1
					1	1	1	1
3.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	1	1	1	1
					1	1	1	1
					1	1	1	1
					1	1	1	1
4.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	1	1	1	1
					1	1	1	1
					1	1	1	1
					1	1	1	1
5.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	1	1	1	1
					1	1	1	1
					1	1	1	1
					1	1	1	1

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

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

PERCENTAGE LANGUAGE SKILLS
MOS 136

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = number of variables in the cluster
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR}{T + (T)(V)(R)} = \%$	-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%
FIRST AID 081-831-1001 1002 1004 1005 1009	$5 \times 5 \times 5 = 125$ 11 9 11 11 8 <u>50</u> $125 \overline{) 50.000}$	$5 \times 2 \times 5 = 50$ 5 8 <u>13</u> $50 \overline{) 13.000}$	$5 \times 3 \times 5 = 75$ 0 8 8 <u>16</u> $75 \overline{) 16.000}$	$5 \times 4 \times 5 = 100$ 9 0 8 5 <u>22</u> $100 \overline{) 22.000}$
	40%	26%	21%	22%
NBC	$11 \times 5 \times 5 = 275$ 20 13 20 20 13 <u>86</u> $275 \overline{) 86.000}$	$11 \times 2 \times 5 = 110$ 7 16 <u>23</u> $110 \overline{) 23.000}$	$11 \times 3 \times 5 = 165$ 0 2 5 <u>18</u> $165 \overline{) 18.000}$	$11 \times 4 \times 5 = 220$ 13 0 12 10 <u>35</u> $220 \overline{) 35.000}$
	31%	21%	17%	16%
INDIVIDUAL FITNESS 071-377-0201	$1 \times 5 \times 5 = 25$ 1 0 2 2 3 <u>8</u> $25 \overline{) 8.000}$	$1 \times 2 \times 5 = 10$ 0 1 <u>1</u> $10 \overline{) 1.000}$	$1 \times 3 \times 5 = 15$ 1 0 0 <u>1</u> $15 \overline{) 1.000}$	$1 \times 4 \times 5 = 20$ 0 1 0 0 <u>1</u> $20 \overline{) 1.000}$
	32%	10%	7%	5%
				17

PERCENTAGE LANGUAGE SKILLS
MOS 136

total number of responses to variables in the cluster
T = number of tasks in the cluster
V = number of variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-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%
BASIC INDIVIDUAL TECHNIQUES 071-326-5703 071-326-0501	$2 \times 5 \times 2 = 20$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$	$2 \times 2 \times 2 = 8$ $\begin{array}{r} 0 \\ 0 \\ \hline 0 \end{array}$	$2 \times 3 \times 2 = 12$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$	$2 \times 4 \times 2 = 16$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$
	0%	0%	0%	0%
CAMOUFLAGE 051-262-1001 1002 1003	$3 \times 5 \times 5 = 75$ $\begin{array}{r} 3 \\ 2 \\ 4 \\ 3 \\ 2 \\ \hline 14 \end{array}$ $\begin{array}{r} .187 \\ 75 \overline{)14.000} \end{array}$	$3 \times 2 \times 5 = 30$ $\begin{array}{r} 2 \\ 2 \\ 4 \\ \hline \end{array}$ $\begin{array}{r} .133 \\ 30 \overline{)4.000} \end{array}$	$3 \times 3 \times 5 = 45$ $\begin{array}{r} 3 \\ 3 \\ 3 \\ \hline \end{array}$ $\begin{array}{r} .089 \\ 45 \overline{)4.000} \end{array}$	$3 \times 4 \times 5 = 60$ $\begin{array}{r} 2 \\ 0 \\ 2 \\ 2 \\ \hline 6 \end{array}$ $\begin{array}{r} .600 \\ 60 \overline{)6.000} \end{array}$
	19%	13%	9%	10%
SECURITY AND INTELLIGENCE 071-331-0801 071-331-0803	$2 \times 5 \times 4 = 40$ $\begin{array}{r} 3 \\ 1 \\ 3 \\ 3 \\ 2 \\ \hline 12 \end{array}$ $\begin{array}{r} .30 \\ 40 \overline{)12.000} \end{array}$	$2 \times 2 \times 4 = 16$ $\begin{array}{r} 2 \\ 2 \\ 4 \\ \hline \end{array}$ $\begin{array}{r} .25 \\ 16 \overline{)4.000} \end{array}$	$2 \times 3 \times 4 = 24$ $\begin{array}{r} 0 \\ 1 \\ 2 \\ 3 \\ \hline \end{array}$ $\begin{array}{r} .125 \\ 24 \overline{)3.000} \end{array}$	$2 \times 4 \times 4 = 32$ $\begin{array}{r} 1 \\ 0 \\ 1 \\ 2 \\ \hline 4 \end{array}$ $\begin{array}{r} .375 \\ 32 \overline{)4.000} \end{array}$
	30%	25%	13%	13%

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PERCENTAGE LANGUAGE SKILLS
NOS 136

FORM 4	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-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%
LAND NAV 160700	$13 \times 5 \times 5 = 325$ $\begin{array}{r} 15 \\ 15 \\ 27 \\ 23 \\ 16 \\ \hline 96 \end{array}$ $325 \overline{) 96.000} \quad .295$	$13 \times 2 \times 5 = 130$ $\begin{array}{r} 0 \\ 15 \\ \hline 15 \end{array}$ $130 \overline{) 15.000} \quad .115$	$13 \times 3 \times 5 = 195$ $\begin{array}{r} 0 \\ 13 \\ 16 \\ \hline 29 \end{array}$ $195 \overline{) 29.000} \quad .149$	$13 \times 4 \times 5 = 260$ $\begin{array}{r} 15 \\ 0 \\ 13 \\ 15 \\ \hline 43 \end{array}$ $260 \overline{) 43.000} \quad .1$
	30%	12%	15%	17%
M16A1 RIFLE 071-311-2007 2003 2001 2004	$4 \times 5 \times 5 = 100$ $\begin{array}{r} 4 \\ 8 \\ 12 \\ 8 \\ 12 \\ \hline 44 \end{array}$ $100 \overline{) 44.000} \quad .44$	$4 \times 2 \times 5 = 40$ $\begin{array}{r} 0 \\ 7 \\ \hline 7 \end{array}$ $40 \overline{) 7.000} \quad .175$	$4 \times 3 \times 5 = 60$ $\begin{array}{r} 0 \\ 3 \\ 8 \\ \hline 11 \end{array}$ $60 \overline{) 11.000} \quad .183$	$4 \times 4 \times 5 = 80$ $\begin{array}{r} 8 \\ 0 \\ 3 \\ 4 \\ \hline 15 \end{array}$ $80 \overline{) 15.000} \quad .1$
	44%	18%	18%	19%
LAW 071-314-2701 2702 2703	$3 \times 5 \times 4 = 60$ $\begin{array}{r} 1 \\ 4 \\ 4 \\ 3 \\ \hline 12 \end{array}$ $60 \overline{) 13.000} \quad .217$	$3 \times 2 \times 4 = 24$ $\begin{array}{r} 0 \\ 3 \\ \hline 3 \end{array}$ $24 \overline{) 3.000} \quad .125$	$3 \times 3 \times 4 = 36$ $\begin{array}{r} 0 \\ 0 \\ \hline 1 \end{array}$ $36 \overline{) 1.000} \quad .028$	$3 \times 4 \times 4 = 48$ $\begin{array}{r} 1 \\ 0 \\ 0 \\ \hline 12 \end{array}$ $48 \overline{) 2.000} \quad .042$
	22%	13%	3%	4%
				79

IK = total number of responses to variables in the cluster
 T = number of tasks in the cluster
 V = variable
 R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 13E

FOUNDA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-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%
GRENADES 071-311-2104 2101 071-325-1401-2	$4 \times 5 \times 4 = 80$ $\begin{array}{r} 1 \\ 1 \\ 3 \\ 3 \\ 1 \\ \hline 9 \end{array}$ $80 \overline{) 9.000} \quad .113$	$4 \times 2 \times 4 = 32$ $\begin{array}{r} 0 \\ 1 \\ \hline 1 \end{array}$ $32 \overline{) 1.000} \quad .031$	$4 \times 3 \times 4 = 48$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $48 \overline{) 1.000} \quad .021$	$4 \times 4 \times 4 = 64$ $\begin{array}{r} 1 \\ 0 \\ 0 \\ 1 \\ \hline 2 \end{array}$ $64 \overline{) 2.000} \quad .031$
	11%	3%	2%	3%
MINES 05-112-1105 1-13	$2 \times 5 \times 2 = 20$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ 0 \\ \hline 1 \end{array}$	$2 \times 2 \times 2 = 8$ $\begin{array}{r} 0 \\ 0 \\ \hline 0 \end{array}$	$2 \times 3 \times 2 = 12$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$	$2 \times 4 \times 2 = 16$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$
	0%	0%	0%	0%
LEADERSHIP 071-311-5221	$1 \times 5 \times 4 = 20$ $\begin{array}{r} 2 \\ 2 \\ 2 \\ 1 \\ \hline 2 \\ \hline 9 \end{array}$ $20 \overline{) 9.000} \quad .450$	$1 \times 2 \times 4 = 8$ $\begin{array}{r} 1 \\ 2 \\ \hline 3 \end{array}$ $8 \overline{) 3.000} \quad .375$	$1 \times 3 \times 4 = 12$ $\begin{array}{r} 1 \\ 1 \\ 2 \\ \hline 4 \end{array}$ $12 \overline{) 4.000} \quad .333$	$1 \times 4 \times 4 = 16$ $\begin{array}{r} 2 \\ 1 \\ 1 \\ 2 \\ \hline 6 \end{array}$ $16 \overline{) 6.000} \quad .375$
	45%	38%	33%	21%
				80

IK = total number of responses to variables in the cluster
 T = number of tasks in cluster
 V = variables
 R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 136

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-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%
1460 MACHINE-GUN 071-312-3001, 5, 27 571-312-2320 441-099-1001	$6 \times 5 \times 4 = 120$ 2 2 6 4 $120 \overline{) 15.000}$ 15	$6 \times 2 \times 4 = 48$ 0 0 0	$6 \times 3 \times 4 = 72$ 0 0 1 $72 \overline{) 1.000}$ 1	$6 \times 4 \times 4 = 96$ 2 0 0 0 $96 \overline{) 2.000}$ 2
	13%	0%	1%	2%
MANUAL FIRE DISSECTION PROCEDURES 160 164 195 163 177 $\frac{857}{1710 \overline{) 502}}$	$57 \times 5 \times 6 = 1710$ 160 164 195 163 177 $\frac{857}{1710 \overline{) 502}}$	$57 \times 2 \times 6 = 684$ 14 137 $\frac{151}{684 \overline{) 221}}$	$57 \times 3 \times 6 = 1026$ 4 169 146 $\frac{319}{1026 \overline{) 311}}$	$57 \times 4 \times 6 = 1368$ 164 4 169 134 $\frac{471}{1368 \overline{) 502}}$
	50%	22%	31%	34%
FADAC OPERATIONS 45 27 45 42 40 $\frac{199}{510 \overline{) 390}}$	$17 \times 5 \times 6 = 510$ 45 27 45 42 40 $\frac{199}{510 \overline{) 390}}$	$17 \times 2 \times 6 = 204$ 1 28 $\frac{29}{204 \overline{) 142}}$	$17 \times 3 \times 6 = 306$ 0 2 40 $\frac{42}{306 \overline{) 137}}$	$17 \times 4 \times 6 = 408$ 27 0 2 17 $\frac{46}{408 \overline{) 502}}$
	29%	14%	14%	11%
				81

T = number of responses to variables in the cluster
 V = number of variables in the cluster
 R = number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 13E

FOI LA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-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%
SUPERVISOR OF FABAC OPERATIONS	$10 \times 5 \times 6 = 300$ $\begin{array}{r} 11 \\ 7 \\ 15 \\ 14 \\ 15 \\ \hline 62 \end{array}$ $\begin{array}{r} .207 \\ 300 \overline{) 62.000} \end{array}$	$10 \times 2 \times 6 = 120$ $\begin{array}{r} 0 \\ 11 \\ \hline 11 \end{array}$ $\begin{array}{r} .092 \\ 120 \overline{) 11.000} \end{array}$	$10 \times 3 \times 6 = 180$ $\begin{array}{r} 1 \\ 0 \\ 11 \\ \hline 12 \end{array}$ $\begin{array}{r} .067 \\ 180 \overline{) 12.000} \end{array}$	$10 \times 4 \times 6 = 240$ $\begin{array}{r} 7 \\ 1 \\ 0 \\ 7 \\ \hline 15 \end{array}$ $\begin{array}{r} .0625 \\ 240 \overline{) 15.000} \end{array}$
	21%	9%	7%	6%
FIELD COMMUNICATIONS	$23 \times 5 \times 6 = 690$ $\begin{array}{r} 26 \\ 21 \\ 39 \\ 33 \\ 36 \\ \hline 155 \end{array}$ $\begin{array}{r} .225 \\ 690 \overline{) 155.000} \end{array}$	$23 \times 2 \times 6 = 276$ $\begin{array}{r} 9 \\ 33 \\ \hline 42 \end{array}$ $\begin{array}{r} .152 \\ 276 \overline{) 42.000} \end{array}$	$23 \times 3 \times 6 = 414$ $\begin{array}{r} 0 \\ 15 \\ 31 \\ \hline 46 \end{array}$ $\begin{array}{r} .111 \\ 414 \overline{) 46.000} \end{array}$	$23 \times 4 \times 6 = 552$ $\begin{array}{r} 21 \\ 0 \\ 15 \\ 22 \\ \hline 58 \end{array}$ $\begin{array}{r} .111 \\ 552 \overline{) 58.000} \end{array}$
	23%	15%	11%	11%
OPERATIONS SPECIALIST	$4 \times 5 \times 0 = 0$	$4 \times 2 \times 0 = 0$	$4 \times 3 \times 0 = 0$	$4 \times 4 \times 0 = 0$
	0%	0%	0%	0%
				82

Local number of responses to variables in the cluster
T = number of tasks in a cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 13E

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-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%
MICROGRAPH RELATOR	3X5X0 = 0	3X2X0 = 0	3X1X0 = 0	3X4X0 = 0
	0%	0%	0%	0%
SENIOR COMMANDER RELATOR	4X5X0 = 0	4X2X0 = 0	4X3X0 = 0	4X4X0 = 0
	0%	0%	0%	0%
UNARMED/ TRACKED VEHICLE OPERATOR	1X5X0 = 0	6X2X0 = 0	6X3X0 = 0	6X4X0 = 0
	0%	0%	0%	0%
				83

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = number of respondents in any task in that cluster

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where 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 this MOS.

SUBJECT

* TASK NUMBER IF KNOWN

Physical Environment of Instruction.

- A. Classroom
- B. Open Areas (live firefield- mark-up terrain)
- C. Large enclosed area (bleacher sites)
(Warehouse size)
- D. Other
- E. Comments:

Styles of Communication Instructor, Verbal or

- A. Formal Speech
- B. Informal Speech
- C. Regional/Ethnic
- D. Body Language
- E. Profanity
- F. Shop talk/slang
- G. Non-standard English
- I. Other

Comments:

Media of Instruction

- A. Films
- B. Video cassettes
- C. Graphic Training Aids (diagrams, etc....)
- D. Illustrations (requiring reading/not requiring reading)
- E. Maps
- F. Mock-ups
- G. Models/Aimulate
- H. Real equipment
- I. Transparencies
- J. Tape cassettes
- K. Training Publications (required/available)
- L. Signs/Notices
- M. P.A. System
- N. Normal Voice
- O. Soldier's Manual
- P. Chalkboard
- Q. Other
- R. Comments:

Mode of Response

- A. Manipulating a piece of equipment/dev
- B. Answers (spoken - written)
- C. Signals
- D. Performance
- E. Taking Notes
- F. Teamwork
- G. Other
- H. Comments:

Instructional Ratio

- A. Instructor, one-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the
- D. Small (12 or less)
- E. Large (more than 12)

Teacher

Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
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.

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 light 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.

COMPLEX: One or more dependent 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) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

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

6. 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

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

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 fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. 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.

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

AVAILABLE

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

Shake his 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.

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
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
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

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
"can be determined"
modal+negative+passive
"must not be eliminated"

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.

GERUNDS

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

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

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. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly 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)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC 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.

AD-A121 096

JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 13E
CANNON FIRE DIRECTION S. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 28 SEP 79

272

UNCLASSIFIED

F/G 5/9

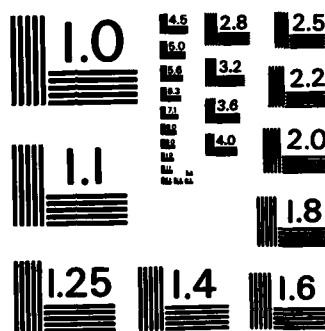
NL

END

FORMED

4

DTIC



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

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between
TRADOC and DLIELC was reached
that DLIELC In-House Vocabulary
would not be produced for this
MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

Revised/w/5
DATA CONTROL NUMBER 100 00 / PROIE

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

w/FA
1581



~~Extra~~
Extra

WORD FREQUENCY
MOS 13E
SKILL LEVEL 1

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 107 Replaces ATDP 110, Jul 73, which is obsolete

COPY ____ OF ____ COPIES

1 THE	1 6	16 +	1 6	1 6
2	44 -	6 --	1 -20M	1 6
1 -35	1 -4	1 -50	2 -50/3	1 -20M
2 /	2 /GR	1 LIVE	1 -	1 -
956 A	1 A-CIVITY	3 AB-35	1 AB-501/PMC	1 AB-501/PMC
2 AB-501/PMC-25	1 AB-591/	1 ABC-M25A2	4 ABILITY	4 ABILITY
2 ABUT	14 ABOVE	7 ACCESSORIES	3 AC	3 AC
2 ACCEPTABLE	2 ACCEPTANCE	1 ACCOMPANIED	1 ACCESSORY	1 ACCESSORY
1 ACCIDENTALLY	2 ACCORDING	1 ACCORDINGLY	2 ACCOMPLISHED	2 ACCOMPLISHED
22 ACCOMPANIE	5 ACCURATELY	1 ACETATE	3 ACTUARY	3 ACTUARY
6 ACCURATE	2 ACID	6 ACP	3 ACUTE	3 ACUTE
2 ACTIC	1 ACIDIMEDGEMENT	1 ACTIVITIES	21 ACTION	21 ACTION
4 ACTIONS	2 ACTIVATION	2 ACTUATE	3 ACTIVITY	3 ACTIVITY
1 ACTUM	1 ACTUALLY	1 ADM	29 ADAPTER	29 ADAPTER
4 ADAPTERS	1 ADAPTOR	2 ADDITION	15 ADD	15 ADD
3 ADD/DROP	4 ADDED	1 ADJUTANT	2 ADDITIONAL	2 ADDITIONAL
8 ADDRESS	1 ADDRESSES	1 ADJUST	1 ADHERENCE	1 ADHERENCE
1 ADJACENT	17 ADJUST	18 ADJUSTED	2 ADJUSTING	2 ADJUSTING
13 ADJUSTMENT	8 ADJUSTMENTS	3 AFFIAL	1 AFFECT	1 AFFECT
49 AFTER	1 AFTER-OPERAT BOM	1 AGAIN	6 AGAINST	6 AGAINST
1 AGE	2 AGREE	1 AGREES	2 AHEAD	2 AHEAD
1 AIDED	10 AIM	4 AIMED	18 AIMING	18 AIMING
6 AIR	1 AIRBOURST	1 AIRMISTS	1 AIRCRAFT	1 AIRCRAFT
5 ALARM	1 ALIGN	2 ALIGNED	3 ALIGNMENT	3 ALIGNMENT
5 ALINE	7 ALIGNMENT	1 ALINGS	1 ALINING	1 ALINING
90 ALL	1 ALL-ROUND	2 ALIOW	1 ALLOWED III	1 ALLOWED III
2 ALLOWING	1 ALMOST	6 ALONG	2 ALPHA	2 ALPHA
2 ALREADY	9 ALSO	3 ALT	1 ALTERNATE	1 ALTERNATE
1 ALTERNATIVE	35 ALTITUDE	4 ALWAYS	1 AM	1 AM
2 AM-1700	3 AM-2060/GRC	3 AM-2060/GRC	3 AM-2060A/GRC	3 AM-2060A/GRC
1 AM-4970	4 AMMO	23 AMMUNITION	1 AMP	1 AMP
1 AMPLIFIER	20 AMPLIFIER-POWER	117 AM	1 AN/GRG-19	1 AN/GRG-19
1 AM/GRG-125	2 AN/GRG-160	1 AN/VIC-1	1 AN/PRC-25	1 AN/PRC-25
2 AN/PRG-77	1 AN/PRG-77	1 AN/VRC-46	2 AN/VIC-1	2 AN/VIC-1
1 AN/VRC	5 AN/VRC-46	1 AM/VRC-47	1 AN/VRC-47	1 AN/VRC-47
1 AN/VRC-53	4 AN/VRC-64	2 AN/VRC-12	4 AN/VRC-46	4 AN/VRC-46
2 ANCHOR	837 AND	2 AN/DR	24 ANGLE	24 ANGLE
1 ANCHLES	5 ANCHURCE	7 ANCHURCED	5 ANNUAL	5 ANNUAL
2 AND	10 ANOTHER	12 ANSWER	6 ANSWERS	6 ANSWERS
2 ANT	91 ANTENNA	2 ANTENNAS	1 ANTIJAMMING	1 ANTIJAMMING
5 ANTISENSE	26 ANY	1 ANYTHING	1 ANYTIME	1 ANYTIME
5 APART	1 APERTURE	3 APP	1 APPARENT	1 APPARENT
2 APPEARS	2 APPENDIX	10 APPLCABLE	4 APPLIED	4 APPLIED
13 APPLY	1 APPLYING	1 APPROACH	2 APPROACHED	2 APPROACHED
13 APPROPRIATE	20 APPROPRIATELY	3 AR	1 ARCTIC	1 ARCTIC
74 ARF	25 AREA	4 AREAS	8 ARN	8 ARN
7 ARHIMC	3 ARMORER	7 ARMS	2 ARMY	2 ARMY
6 ARHIMC	1 ARRANGED	2 ARROW	1 ARROWS	1 ARROWS
1 APS	5 ARTILLERY	104 AS	1 AS-L720/VRC	1 AS-L720/VRC
2 AS-1700/VRC	3 ASK	1 ASP	5 ASSEMBLE	5 ASSEMBLE

MS WORD LISTING/ASCENDING SEQUENCE
COUNT 3 MTR03

COUNT 1 MTR01

14 CENTER	3 CENTERED	2 CENTERS	4 CENTI
1 CFGI/	4 CFRATIN	1 CG-107/U	1 CG-1773/U
2 CH	3 CHALLENGE	2 CHAWER	6 CHANGE
2 CHANGED	6 CHANGES	2 CHANGING	2 CHANNEL
1 CHANNELS	97 CHAP	1 CHAPER	6 CHAPTER
14 CHARGE	1 CHARGES	3 CHARLIE	7 CHART
1 CHARTS	2 CHATTER	101 CHECK	2 CHECKING
17 CHECKS	5 CHG	1 CHHECK	7 CHEF
1 CHIN	1 CHIPPING	1 CHIEF	25 CHRONOGRAPH
1 CHRONOLOGICAL	9 CIRCUIT	1 CIRCUMSTANCES	1 CIVIL
1 CIVILIAN	4 CL	2 CLAMP	7 CLAMPS
1 CLASHING	1 CLASSIFICATION	1 CLASSIFIED	1 CLASSROOM
3 CLAYMORT	21 CLEAM	4 CLEANER	14 CLEANING
4 CLEAMTHRESS	17 CLEAR	3 CLEARED	2 CLEARING
1 CLEAMER	1 CLEARS	4 CLEAT	3 CLEATS
1 CLINATIC	10 CLIP	18 CLUSE	4 CLOSER
3 CLOSEST	1 CLOSING	6 CLOTH	1 CLOTHES
2 CLOTHING	1 CLUSTERED	2 CLUTCH	5 COAT
2 CLOK	1 COCKED	2 COCKING	1 COCKING
7 COLLAPSE	1 COLLECTING/REPORT	1 COLLECTING	1 COLOR
11 COLUMN	6 COMBAT	6 COMINATION	1 COMBINATIONS
4 COMBINED	4 COME	1 COMES	1 COMFORTABLE
1 COMFORTABLY	2 COMING	4 COMMAND	7 COMMANDER
5 COMPANYMENTS	1 COMMUNICATIONS	5 COMMUNICATE	3 COMMUNICATION
4 COMMUNICATIONS	2 COMP	5 COMPANY	1 COMPARTMENT
1 COMPARTMENTS	16 COMPASS	1 COMPATIBLE	1 COMPENSATE
14 COMPLETE	6 COMPLETED	1 COMPLETELY	1 COMPLETENESS
2 COMPLESS	4 COMPLETION	6 COMMENTS	2 COMPOUND
2 CONCENTRATE	1 CONCERNED	16 COMPUTE	12 COMPUTER
1 CONCLUSION	1 CONCLUSIONS	1 CONCEISE	1 CONCEISELY
1 CONDUCTIONS	4 CONDUCT	12 CONDUCTION	92 CONDITIONS
12 CONFERENCE	1 CONFERENCE	2 CONDUCTED	2 CONDUCTOR
4 CONNECTED	3 CONNECTING	3 CONFIGURATION	39 CONNECT
27 CONNECTED	5 CONNECTORS	1 CONNECTION	4 CONNECTIONS
1 CONSISTING	3 CONSISTS	1 CONSOLIDATION	2 CONSIDER
1 CONSPIRACY	1 CONSTRUCTING	1 CONSILY	1 CONSTANT
4 CRYATIN	1 CONTAINED	2 CONTAINERS	4 CONTACT
3 CONTAMINATION	1 CONTENTS	1 CONTINGENCY	4 CONTAINING
1 CONTINUE	1 CONTINUED	1 CONTINUES	1 CONTINUALLY
2 CONTINUED	39 CONTROL	1 CONTROLLED	2 CONTINUITY
5 CONVERSION	8 CONVERT	1 CONVERTED	4 CONTROLS
5 CONVOY	3 CONVEY	4 COMPLANT	1 CONVEY
20 COORDINATES	2 COORDINATING	1 COORDINATION	17 COORDINATE
1 COPY	21 COR	2 CORDS	1 COPIES
2 CORPERS	3 CORR	40 CORRECT	3 CORNER
2 CORRECTED	1 CORRECTING	6 CORRECTION	1 CORRECTOR
7 CORRECTLY	1 CORRELATED	1 CORRESPONDENCE	19 CORRECTIONS
1 CORRODED	4 CORROSION	7 COUNTO	2 CORRESPONDING
2 COURTYECLACKWISE	1 COUNTERJAMMING	1 COUNTING	1 COUNT
			1 CURSE

30 COVER	1 COVERAGE	1 COVERING	1 COVERING
2 COVERS	1 CPX	3 CRACKED	4 CRADLE
3 CREEPING	7 CREW	2 CRIMP	1 CRIMPED
4 CRIMPERS	1 CRITICAL	5 CROSS	3 CROSSES
1 CROSSTIE	1 CRUD	2 CRUSHED	1 CURE
8 CURRENT	1 CURVED	5 CUT	2 C-10539/11
1 CX-4655/GRG	3 CX-4722/VRC	1 CYCLIC	1 CY-2562/PAC-25
2 CYCLE	1 D-10	3 CL	65 D
2 D-RING	1 D-12	1 D-14	1 D-14
1 D-2	1 D-3	1 D-4	34 DA
14 DAILY	12 DAMAGE	6 DAMAGED	1 DAMAGES
1 DAPP	5 DANGER	1 DANGEROUS	1 DANGERS--MAKE
1 DANGERS	1 DARK	2 DARKNESS	77 DATA
4 DATE	2 DAY	6 DAYLIGHT	3 DC
1 ADDRESS	3 DEAD	2 DEATH	3 DEC
2 DEFALTS	2 DECIMAL	1 DECISION	1 DECI
3 DEFLECTION	2 DECLINATION	1 DECREASED	1 DEEP
2 DEFECTIVE	3 DEFECTS	1 DEFENSE	3 DEFENSIVE
1 DEFICIENCIES	2 DEFICIENCIES/SHORTCOMINGS	1 DEFICIENTLY	2 DEFICIENT
10 DEFLECTION	1 DEFUZE	4 DEGREE	6 DEGREES
1 DEFILING	5 DELAY	1 DELIVERED	4 DELTA
1 DEMOLITIONS	1 DEMONSTRATE	2 DENSE	2 DENSELY
5 DENTEN	2 DEPENDING	1 DEPENDS	17 DEPRESS
14 DEPRESSING	1 DEPRESSION	4 DEPTH	4 DRIVE
1 DECHARGE	2 DESCRIBE	3 DESCRIBED	1 DESCRIBES
3 DESCRIPTION	1 DESCRIPTIVE	13 DESIGNATED	3 DESIGNATION
2 DESIGNATION	1 DESIRABLE	13 DESIRED	1 DESK
1 DESPINE	1 DESIGNED	2 DESTROY	2 DESTROYED
1 DETAIL	1 DETECTION	4 DETENT	1 DETERMINATION
4 DETERMINATION	62 DETERMINE	7 DETERMINED	2 DETERMINING
1 DETONATE	1 DETONATOR	10 DETONATING	2 DETONATION
5 DETONATOR	11 DEVIATION	35 DEVICE	4 DF
5 DIAGRAM	2 DIAL	1 DIAMETER	3 DIFFERENCE
1 DIFFERENT	2 DIGGING	3 DIGIT	2 DIGITAL
5 DIGITS	1 DIODES	5 DIR	4 DIRECT
1 DIRECTED	34 DIJECTION	2 DIRECTIONS	4 DIRECTLY
4 DIRT	3 DIRTY	3 DISARM	1 DISARMED
1 DISARMING	1 DISASSEMBLED	5 DISASSEMBLY	3 DISCARD
1 DISCARDED	11 DISCONNECT	3 DISCONNECTED	1 DISCONNECTING
2 DISCONNECTS	1 DISCARGA	3 DISASTANTLE	2 DISJOINT
1 DISJOINTED	2 DISPATCH	1 DISPATCHED	2 DISPATCHER
5 DISPLAY	1 DISPLAYED	2 DISPOSE	2 DISPOSED
1 DISSEMINATION	13 DISTANCE	1 DISTANCES	52 DISTANT
1 DISTINCTIVE	2 DISTRIBUTUTE	1 CIVIDE	1 DIVISION
34 DN	1 OCCIDENTS	9 DIES	1 DING
1 DN	5 DN	4 DOME	1 DNR
1 DCT	1 DOUTFUL	21 DOWN	5 DOWNWARD
2 DR-R	1 DRAG	5 DRAIN	4 DRAW
1 DRAWING	5 DRIVE	6 DROP	2 DROPS
2 DRY	2 DRYCLEANING	2 DS	2 DUALS

COUNT 1 WCR01

2 DUD	2 DUE	1 DUEL	2 DUE
1 DUNNY	19 DURING	1 DURING-OPERATION	7 DUST
2 DUTY	1 DZILL	46 F	1 E-EQUIPMENT
45 EACH	1 EASE	1 EASIFY	1 EASY
4 EAST	1 EASTERLY	2 EASTING	1 EDGES
1 EATING	3 ECHO	8 EDGE	1 EFFICIENT
1 EEN	9 EFFECT	2 EFFECTIVE	1 EJECT
1 EIGHT	2 EIGHT-DIGIT	10 EITHER	3 ELECTRIC
2 EJECTED	1 ELAPSED	2 ELONGS	1 ELECTRONIC
6 ELECTRICAL	1 ELECTRICAL/FRICTION	3 ELECTRICITY	12 ELEVATION
2 ELEMENT'S	5 ELEMENTS	8 ELEVATING	5 EMBLEMMENT
1 EL SF	1 ELSWHERE	3 EMPLOYED	2 ENABLE
1 EMPLOYED	1 EMPLOYING	31 END	1 END-OF-MISSION
1 ENABLING	1 ENCLOSURE	21 ENEMY	1 ENERGI ZING
1 ENDANGERED	5 ENDS	7 ENGAGEMENT	10 ENTERED
13 ENGAGE	3 ENGAGED	6 ENTRIES	1 ENTRY
21 ENGINE	3 ENOUGH	3 FCH	20 EQUIPMENT
4 ENTERING	1 ENTIRE	1 ERECT/DISMANTLE	3 ERECTED
6 ENVIRONMENT	3 ENVIRONMENTAL	9 ERROR	2 ERRORS
6 EQUIPPED	4 ERECT	1 ESTATE	9 ESTIMATE
1 ERECTON	1 ERECTION/DISMANTLING	1 ESTIMATION	7 ETC
1 ESPECIALLY	4 ESTABLISH	4 EVENTS	2 EVERY
3 ESTIMATED	3 ESTIMATING	2 EXACT	2 EXACTLY
3 EVEN	4 EVENT	2 EXCEED	3 EXCEPT
1 EVERYTHING	2 EVIDENCE	1 EXCESSIVE	1 EXERCISE
5 EXAMINE	13 EXAMPLE	2 EXHAUST	2 EXERCISED
1 EXCEPT	1 EXCESS	1 EXPENDITURE	1 EXPLANATION
1 EXPEDIENT	1 EXHAUST	2 EXPLOSIVE	1 EXPLOSIVES
1 EXPLORE	3 EXPANDED	2 EXPRESS	1 EXPRESSED
1 EXPLORE	3 EXPLODES	1 EXTEND	1 EXTENDED
1 EXT-INT	2 EXPOSING	2 EXTRA	1 EXTACT
1 EXTENDING	4 EXTEND	6 FVF	2 EYE-TARGET
2 EXTENDED	2 EXTERIOR	2 FA	2 FACE
2 EYES	2 EXTREME	1 FACING	8 FACTOR
1 FACILITIES	28 F	1 FAHRENHEIT	1 FAILED
1 FACTORS	1 FACILITIES	2 FALL	1 FALLS
4 FAILS	31 FADAC	1 FAMILIARIZE	1 FAR
1 FAMILIAR	7 FAILURE	3 FAST	3 FASTEN
1 FARM	2 FAMILIARIZATION	2 FAMILTY	4 FDC
2 FAULT	2 FARTHER	2 FEN	1 FEMA
12 FEATURE	15 FAULTS	17 FEET	2 FEMALE
8 FEEDTAY	3 FEATURES	1 FEEL	2 FIFTH
4 FEW	1 FEEL	18 FIGURE	5 FIGURES
19 FIG	37 FIELD	1 FILING	4 FILL
6 FILE	3 FIGHTING	1 FILTERS	4 FINAL
1 FINALLY	1 FILLS	115 FIRE	1 FINGER
1 FINCHTIPS	4 FILTER	6 FIRE	1 FINGER
10 FIRED	2 FIND	1 FINGER	1 FINGER
	3 FINISHED	1 FINGER	1 FINGER
	1 FIRING-EFFECT	6 FIRE	4 FIRES

100 FIRM	1 FIRM	5 FIRM	21 FIRST
1 FIT	1 FITS	1 FITTING	4 FIVE
1 FIX	4 FLAG	3 FLAGS	1 FLAME
1 FLAMMABLE--NO	2 FLANK	1 FLAP	4 FLASH
4 FLASHING	1 FLASHLIGHT	3 FLAT	1 FLIGHT
2 FLIP-UP	2 FLUID	1 FLUSH	1 FLY
227 FM	1 FG	4 FOCUS	2 FCG
1 FOLD	9 FOLLOW	1 FOLLOWED	11 FOLLOWING
9 FOLLOWS	1 FOOTBALL	298 FOR	1 FOP/ADJUST
1 FMCC	1 FORCES	1 FOREARM	3 FOREIGN
1 FMGET	43 FORM	1 FORMAT	1 FORMATION
1 FORMATIONS	1 FORMING	1 FORMS	1 FORMULATE
3 FORWARD	1 FORWARD	3 FOUND	3 FOUR
1 FORTH	2 FORTNITE	18 FPL	4 FRAGMENTATION
3 FRAME	1 FRAYED	10 FREE	1 FREQ
27 FREQUENCY	1 FRICTION	2 FRIENDS	7 FRIENDLY
2 FRI	134 FROM	34 FRONT	1 FRONT/READ
2 FRONTAL	1 FRONTLIGHT	1 FT	14 FUEL
3 FULL	2 FULLY	1 FIVES	4 FUNCTION
1 FUNCTIONAL	3 FUNCTIONING	2 FUNCTIONS	1 FURTHER
4 FUTURE	20 FUZZ	3 FUZZES	7 FWD
18 G	11 G-M	1 GAGE	1 GAGEPOINT
1 GAGEPOINTS	10 GARRISON	2 GAS	2 GASOLINE
1 GATE	2 GEAR	1 GFARS	12 GED
1 GRANDES	4 GENERAL	1 GENERALLY	42 GENERATOR
1 GENTER	1 GENT	7 GET	3 GETTING
10 GFT	5 GIVE	55 GIVEN	2 GIVES
3 GM	1 GC	2 GIVING	2 GIVOR
1 CONVERTING	3 GOOD	1 GOVERN	3 GOVERNOR
1 GRAR	1 GRADUATED	1 GRAPHIC	1 GRAPHICAL
1 GRAPHICALLY	3 GRASP	1 GRASPING	2 GRAZE
2 GREASE	1 GREATER	1 GREEN	90 GRENADE
1 GRENADES	22 GRENADES	1 GREENADIER	91 GRID
1 GRID-MAGNETIC	1 GRIDLINE	1 GRIDS	1 GRIME
1 GRINY	2 GRIP	3 GROOVE	24 GROUND
1 GROUNDED	2 GROUNDING	2 GUIDANCE	9 GPCUP
1 GROUP	2 GS	2 GUNNER	3 GUIDE
1 GUIDELINES	45 GUN	12 GUNNER	1 GUNNER'S
1 GUNNERY	17 GUY	8 H	1 H-12
4 H-161	1 H-60/PT	6 H-60/PT	1 H-8
5 HALF	1 HALF-50	1 HALFWAY	2 HATS
36 HAYD	2 HAND-NEUTRALIZE	2 HANDRAKE	1 HANDRAKES
3 HANDCANK	2 HANDGUARD	10 HANDLE	1 HANDLED
1 HANDLING	2 HANDS	5 HANDSET	3 HANDWHEEL
3 HANGFIRE	33 HAS	19 HAVE	2 HAVING
1 HAZARD	9 HAZARD	1 HAZARD/REGISTRATION	19 HE
2 HEAD	1 HEADACHE	1 HEADAND	1 HEADED
2 HEADING	3 HEADQUARTERS	1 HEADS	3 HEADSET
5 HEAR	6 HEARD	4 HEAT	1 HEAVY
2 HEIGHT	2 HELD	2 HELP	1 HELPS

COUNTS WORDS

COUNTS WORDS

COUNTS WORDS

2 HERE'S
 1 HIGHWAY
 9 HIS
 3 HITTING
 3 HOLE
 1 HORN'S
 2 HOSPITALS
 2 HOURS
 4 H
 1 IDENTIFIERS
 1 IDENTIFIER
 1 IGH
 21 I
 1 ILLUM
 19 IMMEDIATE
 3 IMPACTS
 1 IMPROVE
 1 IMPROVE
 7 INCLUDING
 1 INCREASE
 1 INCREASE
 1 INCREASE
 1 INDICATE
 1 INDICATE
 6 INDIVIDUAL
 7 INFORMATION
 2 INITIATE
 1 INITIATE
 3 INSERTING
 2 INSPECTING
 5 INSTALLATION
 3 INSTEAD
 1 INSTRUCTOR
 5 INSULATION
 4 INT
 1 INTERCOM
 4 INTERFERENCE
 3 INTERSECTION
 45 INTO
 254 IS
 2 IT'S
 4 IV
 1 J-552
 1 JAWING
 1 J
 1 JUDGE
 1 JUN
 5 K
 11 KFP
 10 KEY
 2 KILL
 2 KNEELING
 1 HERTZ
 2 HIM
 1 HISTORICAL
 1 HOP
 15 HOLE
 1 HORN
 1 HORN
 4 HOTEL
 19 HORN
 6 HAW
 2 IDENTIFIED
 5 IDLE
 1 IGNITE
 1 ILL
 1 ILLUMINATION
 4 IMMEDIATELY
 4 IMPORTANT
 1 IMPROVE
 14 INCLUDE
 2 INCLUSION
 1 INCREASE
 1 INCREASE
 2 INDICATE
 2 INDICATOR
 1 INF
 17 INFORMATION
 1 INITIATED
 9 INPUT
 7 INSIDE
 9 INSPECTION
 11 INSTALLED
 2 INSTRUCTED
 1 INSTRUMENT
 1 INSURANCE
 2 INT-EXT
 2 INTERCOMMUNICATION
 4 INTERPHONE
 1 INTERSECTIONS
 1 INTRODUCTION
 4 ISSUE
 12 ITEMS
 1 IX
 35 JACK
 2 JAN
 20 JOURNAL
 4 JIL
 1 JUNCTION
 1 K-TRANSFER
 9 KEEPING
 3 KEYBOARD
 1 KINDS
 1 KNIFE
 7 HIGH
 3 HINGE
 8 HIT
 15 HOLE
 1 HORN
 1 HORN
 4 HOTEL
 19 HORN
 6 HAW
 2 IDENTIFIED
 5 IDLE
 1 IGNITE
 1 ILL
 1 ILLUMINATION
 4 IMMEDIATELY
 4 IMPORTANT
 1 IMPROVE
 14 INCLUDE
 2 INCLUSION
 1 INCREASE
 1 INCREASE
 2 INDICATE
 2 INDICATOR
 1 INF
 17 INFORMATION
 1 INITIATED
 9 INPUT
 7 INSIDE
 9 INSPECTION
 11 INSTALLED
 2 INSTRUCTED
 1 INSTRUMENT
 1 INSURANCE
 2 INT-EXT
 2 INTERCOMMUNICATION
 4 INTERPHONE
 1 INTERSECTIONS
 1 INTRODUCTION
 4 ISSUE
 12 ITEMS
 1 IX
 35 JACK
 2 JAN
 20 JOURNAL/DUTY
 3 JULY
 7 JUST
 1 KAN-153A
 1 KEYS
 1 KEYLIST
 7 KIT
 1 KNIFE-EDGE
 4 HIGHER
 1 HIP
 3 HITS
 2 HIRING
 1 HORN
 1 HORN
 1 HORN
 2 HOWEVER
 1 IGH
 1 IDENTIFIER
 119 IF
 1 IGS
 1 IL
 1 IMAGINAPY
 2 IMPACTED
 1 IMPROPER
 1 INACTIVATION
 2 INCLUDES
 1 INCORRECT
 3 INDEX
 3 INDICATES
 4 INDIRECT
 1 INFLUENCING
 1 INITIALLY
 2 INJURY
 2 INSERTED
 20 INSPECT
 1 INSTANTANEOUS
 1 INSTANTANEOUS
 8 INSTRUCTIONS
 1 INSULATING
 4 INSURING
 1 INTENDED
 1 INTEREST
 1 INTERSECTING
 9 INTERVAL
 1 INVESTIGATING
 17 IT
 1 ITSELF
 1 J-551
 1 JAN
 1 JEEP
 2 JOURNALS
 2 JUNDER
 1 J2
 1 K
 1 KFP
 1 KFP
 1 KFP
 1 KFP
 1 KFP

COUNT4 WORD4

STING/ASC

MCS WORD

COUNT2 WORD2

COUNT1

1 KNOT	4 KNOT	21 KNOWN	1 KNIRLED
4 KY	4 KY-38	3 KYK-28	3 L
1 L-OCATION	2 LA	7 LABEL	2 LARFLED
2 LAIN	9 LAMP	2 LAND	1 LANDMINES
1 LANDS	3 LARGF	2 LAST	1 LAT
4 LATCH	1 LATERALLY	48 LAUNCHER	22 LAW
1 LAWS	11 LAY	2 LB	1 LRE
1 LDE	14 LEAD	11 LEADER	1 LEADER'S
1 LEADERSHIP	3 LEADS	3 LEAF	2 LEAKAGE
2 LEAKS	2 LEAST	3 LEAVE	1 LEAVING
10 LEFT	1 LEFTHAND	2 LEG	1 LEGEND
1 LEFTRIE	10 LEGS	4 LENGTH	1 LENGTHS
2 LENSATIC	1 LENSES	3 LESS	61 LESSON
3 LESSONS	1 LET	1 LETTER	2 LETTERS
25 LEVEL	3 LEVELED	4 LEVELING	1 LEVELS
15 LEVER	2 LEVERS	1 LIAISON	1 LIFT
10 LIGHT	2 LIGHTLY	1 LIKE	2 LIKELY
3 LINA	3 LIMIT	5 LIMITED	4 LIMITS
65 LINE	1 LINE-TO-LINE	3 LINEAR	20 LINES
1 LINKAGE	1 LINKED	1 LINKS	3 LIP
1 LIPS	3 LIST	10 LISTED	3 LISTEN
2 LISTENING	5 LISTS	3 LITTLE	5 LIVE
3 LOAD	2 LOADED	2 LOADING	6 LICAL
6 LOCATE	13 LOCATED	3 LOCATING	70 LOCATION
7 LOCATIONS	17 LOCK	2 LOCKED	5 LOCKING
6 LOG	6 LOGBOOK	12 LONG	3 LONGER
7 LOCK	1 LOOKING	1 LOOP	3 LOOSE
2 LOOSEN	1 LOOSENING	2 LOSS	4 LOST
1 LOT	1 LOUD	1 LOW-LOW	1 LOUDER
3 LOW	1 LOW-LEVEL	8 LOWER	4 LSA
2 LORE	1 LORED	2 LURRICANT	3 LURRICANTS
3 LURRICATE	4 LURRICATING	3 LURRICATION	6 LUG
1 LUGS	1 L34	7 M	1 M-2
1 M-359	26 MACHINEGUN	9 MADE	2 MAGAZINES
23 MAGNETIC	1 MAIN	16 MAINT	5 MAINTAIN
4 MAINTAINED	4 MAINTAINING	2 MAINTAINS	1 MAINTENAN
49 MAINTENANCE	1 MAJOR	23 MAKE	1 MAKES
3 MAKING	1 MALE	3 MALFUNCTION	1 MALFUNCTIONED
5 MAN	2 MAN-PACK	1 MANAGEMENT	5 MANFIVER
1 MANIPULATION	2 MANMADE	2 MANMER	1 MANNERISMS
41 MANUM	1 MANIALS	60 MAP	2 MAPS
1 MAPCH	1 MARGIN	5 MARGINAL	3 MARK
1 MARKED	1 MARKINGS	2 MARKS	1 MARKA
3 MASS	16 MAST	2 MASTP	8 MATCHING
1 MATF	1 MATERIAL	5 MATERIALS	1 MATERIEL
3 MATING	32 MATRIX	4 MATTER	1 MATTERS
4 MAXIMUM	11 MAY	1 MC	1 MEAN
1 MEANTIME	6 MEANS	10 MEASURE	5 MEASURED
80 MEASURES	4 MEASURING	2 MECHANICAL	9 MECHANISM
3 MEYER	4 MEMBERS	1 MEMORANDA	3 MCH

WORD LISTING/ASCENDING SEQUENCE

COMINT4 WCRD4

COMINT1 WORD1	COMINT2 WORD2	COMINT3 WORD3	COMINT4 WORD4
1 MERELY	10 MESSAGE	3 MESSAGES	1 MET
1 METAL	10 METER	71 METERS	11 METHOD
4 METHUEN	2 MG	1 Mhz	1 MIC
5 MICROMETER	1 MID	1 MIDDLET	1 MIGHT
2 MIKE	4 MIL	1 MIL-L-141078	1 MIL-L-44000A
2 MILD	1 MILE	11 MILITARY	32 MILS
1 MILS--THE	36 MINF	1 MINFIELD	9 MINES
1 MINIMIZES	2 MINIM	1 MINOR	2 MINUS
6 MINUTE	33 MINUTES	6 MIFIRE	1 MISSES
9 MISSION	1 MISSIONS	1 MIUTES	4 MI
1 MILL-L	3 MICAL	4 MURAL	2 ML90
1 MNR	1 MORALE	3 MORE	1 MODEL
1 MODIFIED	1 MODIFY	1 MODILE	1 MODISTEN
8 MONITOR	1 MONT-ELY	12 MORE	1 MORTAR
2 MONTAP	4 MOST	2 MOTION	1 MOTOR
12 MOUNT	1 MOUNT/DO SHOUNT	1 MOUNTAIN	6 MOUNTED
14 MOUNTING	2 MOUNTS	13 MOVE	1 MOVED
3 MOVEMENT	1 MOVEMENTS	4 MOVES	18 MOVING
4 MP-6A	1 MPH	2 MT-L29/VRC	6 MT-L29/VRC
1 MUCK	1 MUPH	1 MULTIPLIER	3 MULTIPLY
1 MULTIPLYING	1 MULTIPLE	1 INITIAL	4 MUZZLE
1 MV	49 MUST	2 PX-6707/VRC	5 M122
1 M151A2	9 M1A	2 M19A1	9 M2
4 M203	1 M213	1 M288	4 M3
14 M36	1 M386	1 M397	1 M407A1
1 M433	1 M441	2 M57	1 M577A1
25 M60	1 M651	1 M67	1 M69
2 M72	1 M72AL	2 M72A1	11 M72A2
2 M73	1 M79	2 N	2 NAILS
1 MAKFO	7 NAME	1 NARRIN	3 NATURAL
1 NATURALLY	1 NAVIGATION	5 NRC	1 NCD
2 NF	4 NEAR	2 NFARRY	1 NEARER
8 NEAREST	1 NEATLY	22 NECESSARY	1 NECK
2 NECKS	1 NEED	2 NEEDED	1 NEOLF
1 NEEDING	1 NEEDS	3 NEGATIVE	1 NEGATIVE-NEGATIVE
1 NEIGHBORHOOD	1 NEITHER	2 NEON	4 NET
1 NEUTRAL	1 NEVER	5 NEW	9 NEXT
1 NGF	3 NIGHT	28 NI	4 NOISE
2 NOTES	3 NON-REGISTERING	4 NONELECTRIC	1 NONELECTRICAL
4 MONTAGUE	1 NONTHROWING	1 NOR	4 NCRAL
5 NORMALLY	19 NORTH	3 NORTH-SOUTH	2 NOTHING
2 NOT	1 NOTATION	33 NOTE	1 NOTED
1 NOTES	1 NOTHING	1 NOTIFY	2 NOTING
2 NOVEMBER	4 NOW	1 NIC	1 NUCLEAR
43 NUMBER	2 NUMBERED	7 NUMBERS	1 NUTS
2 O	1 OA-3A33	1 OA-3A33/A	3 OA-3A33/GRC
1 OBLIQUE	1 OBFY	5 ORJECT	7 OBJECTS
5 OBSERVED	3 OBS	3 OBSERVATION	5 OBSERVE
2 OBSERVING	9 OBSERVER	4 OBSERVER'S	5 OBSERVERS
	3 OBSTACLES	4 OBTAIN	5 OBTAINED

1 OCCURS	1 OCCURS	1 OCCASIONALLY	1 OCCUR
4 OCCURRED	1 OCCURS	5 OCT	1 ODOMETER
509 OF	21 OFF	2 OFF-RUN	5 OFFICER'S
1 OFFICE	1 OFF	25 OIL	1 OFFER
1 OFFICE	2 OFF	1 OMITTED	265 OA
5 ONCE	34 ONE	2 ONE-PLAT	15 ONLY
7 ONTO	1 ONE	1 OPERATOR'S	14 OPEN
1 OPEN-PLAT	33 OPENING	3 OPERATIONS	15 OPER
3 OPERABLE	9 OPERATIONAL	9 OPERATIONS	15 OPERATING
50 OPERATION	42 OPERATOR'S	4 OPERATORS	50 OPERATOR
1 OPERATIONAL	1 OPTIMUM	1 OPTIMAL	5 DEPOSITE
3 ORAL	7 ORDER	3 ORDERS	270 OR
5 ORGAN	4 ORGANIZATION	2 ORGANIZATIONAL	3 ORG
2 ORIENTED	15 ORIENTING	2 ORIGINAL	6 ORIENT
1 OSCAR	11 OT	35 OTHER	1 ORIGINALS
1 OIR	14 OUT	1 OUTGOING	2 OTHERS
1 OUTLETS	1 OUTLINE	6 OUTLINED	2 OUTLET
1 OUTPUTS	5 OUTSIDE	24 OVER	2 OUTPUT
1 OVERHANG	5 OVERHEAD	1 OVERIDES	1 OVERHAND
2 OVERPLAYS	5 OVERIDE	3 OVERRIDES	14 OVERLAY
2 OVERWATCH	1 OWN	22 P	1 OVERSHEET
1 PACING	11 PACK	1 PACKAGED	1 PACED
36 PAGE	20 PAGES	1 PAINT	1 PACKING
3 PANEL	1 PANELS	9 PAPER	1 PAPER
6 PARAGRAPH	5 PARAGRAPHS	1 PARALLFL	92 PARA
20 PART	1 PARTILLY	1 PARTICULAR	2 PARAPET
11 PARTS	35 PARTY	15 PARTY'S	6 PARTIES
3 PASSFS	1 PAST	1 PATCH	6 PASS
1 PATH	1 PATROLLING	1 PATTERN	1 PATCHES
7 PDF	1 PEACETIME	1 PEEP	1 PAISE
1 PEROM	6 PEN	13 PENCIL	5 PEPSIGHT
1 PENETRATING	4 PERFORMANCE	46 PERFORM	1 PENCILS
69 PERFORMANCE	1 PERFORMANCES	3 PERFORMANCE	1 PERFORMANCE
1 PERFORMING	11 PERIOD	2 PERIODIC	24 PERFORMED
1 PERMIT	4 PERMIT	2 PERMITS	1 PERIODS
5 PERSONNEL	20 PG	5 PHASE	1 PERMITTING
1 PHOTO	1 PICK	7 PICTURE	1 PHONE
27 PIN	1 PINPOINTED	8 PINS	4 PIFCE
1 PI-200-A	53 PLACE	7 PLACED	10 PINTIE
1 PLACED	1 PLACES	5 PLACING	2 PLACEMENT
2 PLANNING	2 PLANS	4 PLASTIC	1 PLANE
2 PLATES	9 PLATFORM	7 PLATON	14 PLAT
1 PLIFRS	17 PLOT	3 PLOTTED	2 PLAY
51 PLUG	5 PLUGS	2 PLUNGFR	6 PLOTTING
1 PG	48 POINT	2 POINTED	1 PLYWOOD
4 POINTING	17 POINTS	3 PIN AP	1 POINTER
2 POLE	4 PORTION	1 PORTIONS	4 POLAR-PLY
1 POSSES	106 POSSESSION	1 POSITIONED	1 PORTRAIT
6 POSITIONS	5 POSITIVE	1 POSITIVE-TO-POSITIVE	1 POSITIONING
			11 POSSIBLE

1 REMAINING
2 REMAINS
49 REMOVE
1 REMOVED
1 REPAIRING
11 REPLACED
3 REPORTED
1 REPRESENTATIONS
2 REQUESTING
1 EQUIPMENTS
2 RESEMBLE
1 RESISTANCE
2 RESPECT
1 RESPONSIBLE
4 RESTORE
1 RETAILING
4 REVERSE
1 REVIEW
1 RIDING
19 RIGHT
1 RING-OFF
1 RIPS
2 RN
1 RND
1 RGN
1 RGN
2 ROTATING
2 ROUTE
1 RT-841 / PRC-77
3 RUNNING
11 S
49 SAFETY
1 SANDRAGGING
1 SB
7 SR-22/PT
19 SCALE
2 SCREWING
3 SEARCHING
1 SEATS
11 SECONDS
4 SECTIONS
1 SIGHTING
26 SEE
1 SELECTED
1 SELECTS
1 SEMI-PT
3 SENSINGS
2 SEPARATE
1 SERIOUS
4 SERVICEABILITY

2 REMAIN
1 REMARK
9 REMOVE
5 REPAIR
2 REPLACED
2 REPORTING
2 REPRESENTED
3 REQUIRE
1 ROLL
9 RESERVIR
9 RESUALS
2 RESPLICE
2 RESQUEEZE
8 RESULT
2 RETAIN
1 RETICLE
1 REVERSE
1 REVIEWS
1 RIFLE
2 RIGHTHAND
1 RINGBACK
1 RISE
1 ROAD
1 ROGER
4 ROPE
2 ROUGH
1 RPM
1 RTRAIN
2 RUST
1 S-12E
3 SALUTE
1 SALT
1 SR-11-624
4 SR-22A/PT
1 SCRFEN
1 SE
2 SEARS
45 SFC
11 SECTION
11 SECURE
7 SECURING
3 SEEN
3 SELECTING
1 SEMI-CIRCULAR
1 SENT
1 SENT
2 SEPARATING
2 SERVE
11 SERVICES

1 REMAINDER
1 REMARKS
1 REMOVAL
2 REMOVED
5 REPEAT
9 REPLY
6 REPORTS
1 REPRESENTING
20 REQUIRFO
1 RESEARCH
1 RESERVOTIPS
4 RESISTOR
1 RESPOND
3 REST
1 RESULT
1 RETAINER
9 RETURN
1 REVERSES
3 RG-292
12 RIFLE
14 RINGING
1 RISK
5 ROCKET
1 ROLL
8 ROPES
40 ROUND
1 ROUNDS
2 RT524A/R442
1 RH11
15 SAFE
18 SAFE
1 SATISFACTORY
1 SR-11-624
3 SR-993
4 SCREW
1 SEALS
2 SEAT
15 SECTION
15 SECTIONS
1 SECURED
2 SECURITY
1 SELF
1 SELECTION
1 SEMI-FLUID
2 SENSE
2 SENSUS
1 SEQUENCE
1 SERVICEABLE
143 ST

1 REMAINING
2 REMAINS
49 REMOVE
1 REMOVED
1 REPAIRING
11 REPLACED
3 REPORTED
1 REPRESENTATIONS
2 REQUESTING
1 EQUIPMENTS
2 RESEMBLE
1 RESISTANCE
2 RESPECT
1 RESPONSIBLE
4 RESTORE
1 RETAILING
4 REVERSE
1 REVIEW
1 RIDING
19 RIGHT
1 RING-OFF
1 RIPS
2 RN
1 RND
1 RGN
1 RGN
2 ROTATING
2 ROUTE
1 RT-841 / PRC-77
3 RUNNING
11 S
49 SAFETY
1 SANDRAGGING
1 SB
7 SR-22/PT
19 SCALE
2 SCREWING
3 SEARCHING
1 SEATS
11 SECONDS
4 SECTIONS
1 SIGHTING
26 SEE
1 SELECTED
1 SELECTS
1 SEMI-PT
3 SENSINGS
2 SEPARATE
1 SERIOUS
4 SERVICEABILITY

11 SFTTING	2 SETTING	5 SEVEN	1 SEVERAL
1 SEVERELY	1 SHAPE	1 SHARP	1 SHARPLY
1 SHEAR	6 SHEET	2 SHEETS	7 SHELL
2 SHELL-FUFF	1 SHELLS	1 WHETTER	4 SIFT
1 SHIFTING	2 SHIFTS	1 SHIMMEY	11 SHIPPIING
4 SHIRT	5 SHOOTING	2 SPOTS	66 SHUILD
9 SHOUTER	1 SHOULDERS	2 SHOUT	1 SHOUTING
1 SHON	1 SHOWN	7 SHOWN	11 SHOWN
1 SHUT	1 SHOWNING	1 SIDES	4 SMC
46 SIGHT	17 SIDE	2 SIGNS	9 SIGN
40 SIGNA	4 SIGHTING	1 SIGNATURE	1 SIGNING
6 SIGNS	6 SIGNALS	1 SILENT	1 SILHOUETTE
4 SIMILAR	1 SILENCE	2 SIMPLY	7 SIMULATED
1 SIMULTANEOUSLY	1 SIMING	4 SIVELF	8 SITE
1 SITTING	5 SINCE	1 SITUATION	24 SITUATION
3 SITUATIONS	1 SITING	2 SIX-DIGIT	1 SKEWIGIT
2 SIXTH	8 SIX	19 SFTCH	2 SKETCHES
1 SKIN	2 SIZE	1 SK /SA	2 SLASH
5 SLAVE	2 SL	7 SLEVE	16 SLITOF
5 SLIGHTLY	1 SLAVE/JUMPER	3 SLIP	1 SLIPPAGE
3 SLIT-TYPE	8 SLING	2 SLOTTED	7 SLOW
1 SLICELY	2 SLOT	4 SMALL	1 SPALLER
6 SMOK	7 SM	3 SHAP	1 SHAPS
21 SC	1 SMOOTH	4 SOLDIER	4 SOLDIERS
4 SLOW	2 SOAPY	1 SPTONE	1 SCHEMPRE
3 SOURCE	2 SOME	1 SOUND	1 SCUMDS
4 SPACE	5 SPP	3 SOUTH	1 SOUTHWEST
8 SPECIAL	5 SPINCEFS	2 SPEAK	7 SPEAKER
1 SPECIFYING	4 SPECIFIC	4 SPECIFIED	2 SPECIFY
1 SPENT	2 SPEECH	6 SPEED	1 SPEEDOMETER
1 SPLICES	1 SPILLS	1 SPWR	4 SPICE
2 SPINDLS	1 SPLICING	5 SPLIT	3 SPML
4 SPREAD	3 SPOT	1 SPOTLESS	9 SPOTTING
15 SQUELCH	2 SPRING	1 SPRINGS	1 SQUAD
18 STAFF	3 SQUARES	5 SCUFETE	1 SQUELCH
66 STAKES	1 SSO	1 STABLE	2 STADIA
1 STAIRING	1 STAFF JOURNAL/DUTY	1 STAGGERED	14 STAKE
1 STATE	1 STALLED	2 STAND	11 STAMPARD
14 STATIMN	1 STANDY	1 STANDARDS	1 STANDING
2 STATUS	17 START	2 STARTER	4 STATING
1 STEP-BY-STEP	1 STATED	2 STATEMENT	1 STATIC
2 STOCK	7 STATIONARY	3 STEERING	1 STATISTICS
1 STOPPED	1 STEADY	1 STIFFNESS	4 STEP
11 STORF	10 STEPS	10 STOPPAGE	4 STILL
2 STRAIGHT	12 STOP	2 STOPS	1 STOPPAGES
1 STRAPS	3 STOPPING	1 STORMS	2 STORAGE
1 STRESSED	1 STOPED	4 STRAINER	1 STRAY
	2 STREAM	1 STREET	4 STRAP
	2 STRECH	2 STRECK	1 STROKINGTH
		2 STRECKED	7 STROKE

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COUNT4 WORD4

SEQUENCE
T3 WORD3

MOS WORD

COUNT2 WORD2

COUNT1 WORD1

2 STRIP	1 STRIPE	1 STRONGEST	1 STRVL
2 SUBJECT	1 SUBJECTS	1 SUBMIT	2 SUBNIMATE
3 SUBSEQUENT	6 SUBTRACT	6 SUBTRACT	1 SUCCESSFULLY
2 SUCCESSIVE	10 SICH	1 SUFFICIENT	1 SUITABLE
1 SUMMARY	2 SUPPLY	1 SUNLIGHT	11 SUPERVISION
2 SUPPORTING	2 SUPPOSE	19 SUPPORT	5 SUPPORTED
1 SURFACE	2 SURFACES	2 SUPPRESSOR	10 SURE
1 SW	1 SWING	2 SURFGE	2 SUSPECTED
1 SWITCHMAN	1 SWITCHES	73 SWITCH	16 SWITCHBOARD
4 SYMPTOM	7 SYMPTOMS	2 SWIVEL	1 SULTCH
1 S1	1 SYL/S4	2 SYNOPTIC	4 SYSTEM
1 TA-312/PT	1 T-JME	2 S2/S3	1 S2
4 TAKE	12 TARLE	1 TA-312/PT	3 TA-312
4 TANK	9 TAKEN	2 TABLES	10 TACTICAL
141 TARGET	1 TANK/RADIATOR	2 TALK	1 TAMS
1 TASKS	33 TARGETS	2 TANKS	14 TAPE
21 TEAM	4 TE	1 TARGET	48 TASK
1 TECHNICAL	1 TEAMS	3 TC	3 TE-33
1 TELESCOPE	5 TECHNIQUE	1 TEARS	40 TEC
2 TEMPERATURES	42 TELEPHONE	6 TECHNIQUES	4 TEC
9 TERMINAL	3 TELL	1 TELEPHONE	1 TELEPOST
1 TERMINATED	1 TEMPORARY	3 TELLS	1 TEMP
2 TESTING	3 TERMINALS	3 TERN	1 TENDENCY
7 TGT	15 TERRAIN	2 TERRITORY	2 TERMINATED
2040 THE	1 TESTS	1 TF	24 TEST
14 THERE	15 THAN	95 THAT	2 TG
1 THINGS	7 THEIR	8 THEM	1 THAT'S
2 THING	6 THESE	8 THEY	25 THEN
1 THREAT	1 THINK	4 THID	1 THIN
10 THROWN	1 THOROUGHLY	2 THOSE	53 THIS
54 THRU	9 THREE	1 THROTTLE	1 THOUGH
7 TIE	7 THROWING	1 THROWN	43 THROUGH
3 TIGHT	1 THW	7 THIM	4 THROWN
30 TIME	3 TIED	4 TIEDOWN	1 TI
2 TIPS	7 TIGHTEN	1 TIGHTLY	1 TIES
639 TO	2 TIMES	4 TIP	2 TIGHTNESS
12 TOP	5 TOGETHER	120 TH	1 TIPPING
1 TOWER	4 TOTAL	4 TOL	1 TIS
2 TRACKS	2 TRACE	1 TOUCH	4 TOLLS
2 TRAJECTORY	1 TRACK	1 TRACED	3 TOWARD
2 TRANSMISSIONS	1 TRAINER	2 TRACKS	3 TRACER
4 TRAVEL	3 TRANS	18 TRAINING	2 TRAIN
4 TRF	11 TRANSMIT	4 TRANSFER	1 TRAITS
14 TRIP	2 TRAVELING	1 TRANSFER	7 TRANSMISSION
10 TRIPWIRE	1 TRENCH	1 TRAVERSE	3 TRANSMITTING
2 TRUE	1 TRIPPOD-MOUNTED	2 TRIPCHLORETHANE	18 TRAVELING
	2 TRUMP	12 TROOPS	16 TRIGGER
	19 TRUNK	2 TRY	1 TRIPWIRE
			1 TRIPWIRE
			2 TSEC/KY-35

COUNT1 WORD1

1 TSEC/KY-R/28/38
 2 TUNING
 7 TURNS
 36 TWO
 15 TYPE
 1 UNAUTHORIZED
 1 UNDER RUSH
 10 UNITS
 2 UNLADDED
 1 UNPLUG
 1 UNSAFE
 1 UNSPOTIFIED
 1 UNWIND
 1 UPDATE
 1 UPPERMOST
 44 USE
 68 USING
 2 V
 1 VALVES
 2 VCN
 1 VEHICLE MOUNTED
 1 VENTILATION
 1 VERT
 1 VIAL
 2 VLEN
 1 VILLAGE
 2 VISION
 2 VOLTAGE
 1 VT
 3 W/E
 1 WANDER
 4 WAS
 4 WATER
 4 WE
 1 WFAK
 4 WEDGE
 4 WEF
 1 WHEEL
 1 WHERE
 13 WILF
 2 WIGLE
 3 WING
 1 WINDY
 1 WISH
 1 WITHIN
 2 WORK
 1 WOULD
 7 WATF
 2 X
 1 YACET

COUNT2 WORD2
 WORDS LISTING/ASCENDING SECURICE
 COUNT3 WORD3

1 TSEC/KYK-2A
 42 TURN
 1 TWICE
 2 TYPES
 2 UNCORRECTED
 1 UNIQUE
 3 UNKNOWN
 2 UNLOADING
 4 UNREEL
 2 UNSCREW
 25 UNTIL
 1 UNWINDING
 4 UPDATED
 2 UPRIGHT
 22 USED
 4 USUALLY
 1 VALLEY
 2 VALVE
 49 VEHICLE
 1 VEHICLES
 1 VERRAL
 10 VERTICAL
 2 VIKORATION
 1 VIEWED
 3 VIS
 4 VISUAL
 1 VOLTMETER
 13 W/L
 13 WAIT
 1 WARN
 1 WASH
 4 WAY
 2 WFAK
 1 WEARING
 1 WFEK
 6 WFST
 1 WHEELS
 1 WHETHER
 4 WHIP
 3 WINE
 1 WIND
 4 WIPE
 199 WITH
 2 WOODED
 1 WORKING
 2 WOUND
 2 WRITTEN
 1 X-MODE
 1 YEARS

2 TSEC/KY-3A
 6 TURNED
 1 TWINE
 1 TWO-PLY
 1 TYPEWRITER
 30 UNDER
 36 UNIT
 1 UNFESS
 1 UNHAPED
 1 UNRESTRICTED
 1 UNSCREWED
 2 UNUSED
 1A UP
 5 UPON
 2 UPSIDE
 2 USES
 3 UTILIZE
 1 VALLEYS
 4 VARIABLE
 1 VEHICLE-INSTALLED
 7 VEHICULAR
 1 VERIFY
 2 VFRY
 1 VICINITY
 3 VIEWS
 4 VISIBILITY
 4 VISUALLY
 4 VNTS
 1 V/CJ
 1 WALK
 18 WARNING
 1 WATCH
 1 WD-L/TT
 32 WEAPON
 13 WEATHER
 1 WEEKLY
 1 WFERLY
 64 WHEN
 50 WHICH
 8 WHITE
 6 WIDTH
 65 WIRE
 67 WITHIN
 2 WORDS
 1 WORKSHEET
 3 WP
 1 WT
 1 X-12A
 1 YCKE

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COUNT4 WORD04

2 ZEROED
3 ZONE

SEQUENCE

WORD03

9 ZERO
1 ZERO05

WORD1

COUNT2 WORD2

3 YOURSELF
1 ZEROIZE

COUNT1 WORD1

01 YOUNG
2 ZEROING

UNIT1 WORD1

2060 TNE
 556 A
 244 IS
 199 WITH
 129 VTH
 119 IF
 106 POSITION
 98 AT
 91 GRID
 87 RANGE
 82 MWT
 77 DATA
 71 METERS
 68 USING
 65 N
 64 WHEN
 60 MAP
 56 THRU
 52 DISTANT
 50 WHICH
 40 SAFETY
 48 REMOTE
 46 PERFORM
 45 EACH
 43 FORM
 42 TELEPHONE
 40 ROUND
 38 COVER
 36 HAND
 34 TAI
 35 JACK
 34 DEPRESSING
 34 ONE
 33 APPROPRIATE
 33 MINUTES
 32 STANDARD
 32 WEAPON
 31 MAY
 30 WITHOUT
 29 PART
 28 MT
 27 CORRECTOR
 26 ANY
 24 SFF
 24 CHROMOGRAPH
 25 SECTOR
 24 BETWEEN
 24 SITUATION
 23 CALLING
 22 ACCORDANCE

837 AMP
 366 IN
 227 FM
 191 TARGET
 125 RV
 117 AN
 104 AS
 98 AT
 97 CHAP
 91 YOUR
 85 RADIN
 81 ANTENNA
 75 ARE
 70 LOCATION
 67 WITHIN
 65 INTO
 62 DETERMINE
 60 PROCEDURES
 55 GIVEN
 51 PLUG
 49 AFTER
 40 VEHICLE
 48 TASK
 46 SIGHT
 45 GUN
 43 NUMBER
 42 TURN
 40 SIGNAL
 37 FIELD
 36 INSERT
 36 UNIT
 35 OTHER
 34 DIRECTION
 34 REAR
 33 CAP
 33 NOTE
 33 TARGETS
 31 BATTERY
 30 CABLE
 29 ADAPTER
 28 EQUIPMENT
 28 READING
 27 FREQUENCY
 26 REEN
 25 AREA
 25 LEVEL
 25 THEN
 24 GROUND
 24 TEST
 23 MAGNETIC
 22 GRENADES

639 IN
 298 FOR
 220 CR
 143 SFT
 123 WILL
 117 R
 101 CHECK
 95 THAT
 90 ALL
 84 C
 80 MEASURES
 75 ENTER
 69 PERFORMANCE
 66 SHIELD
 65 LINE
 62 OPERATOR'S
 60 TFC
 53 PLACE
 50 GRENADE
 49 MAINTENANCE
 48 LAUNCHER
 46 AZIMUTH
 46 USE
 45 SEC
 43 THROUGH
 41 PARIAL
 39 CORRECT
 37 MILL
 36 PINE
 35 ALTITUDE
 35 PARTY
 34 DC
 34 RING
 31 W'S
 33 OPERATE
 32 MATRIX
 31 FND
 30 TIME
 29 BUTTONS
 28 F
 28 REGISTRATION
 27 I
 26 MACHINEGUN
 25 PLASTING
 25 M60
 25 UNTIL
 24 PERFORMED
 23 AMMUNITION
 23 HAVE
 22 LAW

589 OF
 265 ON
 204 RE
 174 FRY
 127 TP
 115 FIRE
 100 FIRING
 92 PARA
 87 I
 82 CONDITIONS
 78 FIGHT
 73 SWITCH
 68 POINT
 66 STANDARDS
 65 WIRE
 61 FISSON
 59 OPERATOR
 53 THIS
 50 OPERATION
 49 MUST
 48 REFERENCES
 46 F
 45 CALL
 44 -
 43 GENERATOR
 40 CORRECT
 39 CONTROL
 36 DA
 36 PAGE
 35 DEVICE
 34 REFER
 34 FRONT
 34 STATION
 33 INSURE
 33 SECTION
 32 WILS
 31 FADAC
 30 UNDER
 29 INSTALL
 28 JETTABLE
 27 ASSEMBLY
 27 PM
 26 OVER
 25 CAN
 25 OIL
 24 ANGLE
 24 POWER
 23 CALLED
 23 ROAD
 22 NECESSARY

MOS WORD LISTING/DESCENDING FREQUENCY
COUNT3 WORDS

COUNT2 WORDS

11 PERIM	11 POSSIBLE	11 PROPERLY	11 PROVIDE
11 REPLACE	11 S	11 SECONDS	11 SECURE
11 SERVICES	11 SETTING	11 SHIPPING	11 SHINS
11 STORE	11 SUPERVISION	11 TRASHIT	11 AIN
10 ANOTHER	10 APPLICABLE	10 PATTERNS	10 AUT
10 CLIP	10 DEFLECTION	10 DETONATING	10 DAY
10 EITHER	10 ENTERED	10 FREE	10 GAMPSION
10 GFT	10 LEGS	10 LIGHT	10 LISTED
10 INFASUFF	10 MESSAGE	10 MEYER	10 PINTLE
10 PROVIDED	10 ROUNDS	10 STEPS	10 STOPPAGE
10 SUCH	10 SURE	10 TACTICAL	10 THROW
10 TRIPBRES	10 UNITS	10 VERTICAL	9 ALSO
9 BAR	9 BRACKET	9 BUTTOM	9 CIRCUIT
9 DOES	9 EFFECT	9 ERROR	9 FOLLOW
9 FGLLOWS	9 GRIMP	9 14/4PI	9 HIS
9 LIMIT	9 INSPECTION	9 KEEPING	9 LAMP
9 MADE	9 MECHANISM	9 MISSION	9 MIN
9 M2	9 M203	9 NEXT	9 OMSERVER
9 OPERATIONAL	9 OPERATIONS	9 ORGANIZATIONAL	9 PAPER
9 PLATFORM	9 RELEASE	9 REMOTE	9 REPRINT
9 REFLECTIONS	9 RETURN	9 SHIELDER	9 SIGN
9 TACK	9 TERMINAL	9 TIME	9 ZERO
9 ARCHIT	9 ADDRESS	8 ADJUSTMENTS	8 AN/GRA-19
9 ARM	8 ASSISTANT	8 ATTACHED	8 ATTEMPT
9 BAND	8 BODY	8 COCKING	8 CONVERT
9 CLUPRENT	8 DRAW	8 EDGE	8 ELEVATING
8 ESTIMATE	8 FACTOR	8 FEEDTRAY	8 FORWARD
8 H	8 HIT	8 INITIAL	8 INSTRUCTIONS
8 INTERVAL	8 LOWER	8 MATCHING	8 MET
8 MINES	8 MONITOR	8 NEAREST	8 PPMIT
8 PINS	8 PREPARATION	8 PRESS	8 PREVENTIVE
8 RC-29	8 RESULT	8 RUPESS	8 SITE
8 SIX	8 SLING	8 SPECIAL	8 SUPERVISOR
8 SYSTEM	8 THEN	8 THEY	8 WELL
8 WHITE	8 WOULD	7 ACCESSORIES	7 ALIGNMENT
7 ANNOUNCED	7 ARMING	7 ARMS	7 ASSEMBLED
7 BEING	7 BREAK	7 CARLIS	7 CAREFULLY
7 CAUSE	7 CHART	7 CHIEF	7 CLAMPS
7 CILAPSF	7 COMMANDER	7 CORRECTLY	7 CMULD
7 CTFW	7 DETERMINED	7 DUST	7 EMAGEMENT
7 ETC	7 FAILURE	7 FIEMPLY	7 FWD
7 GFT	7 HIGH	7 INCLUDING	7 INFORM
7 HISTOF	7 JUST	7 KIT	7 LARFI
7 LOCATIONS	7 LOOK	7 M	7 NAME
7 NUMEPS	7 OBJECTS	7 GHTD	7 PROER
7 PDF	7 PICTURE	7 PLACED	7 PLATON
7 PRIMER	7 RECEIVER	7 RECEIVING	7 REMOVED
7 SR-22/PT	7 SETS	7 SHFL	7 SHOWN
7 SLEEVE	7 SM	7 STAKES	7 STATIONARY
7 SYMOLS	7 TGT	7 THEIR	7 TROWING

7 THUNDER
7 TURNS
7 WHITE
7 AGAINST
6 APRIL
6 BACKLASH
6 CHAPTER
6 COMBINATION
6 CONDUCT
6 DAMAGED
6 DIRECT
6 ENTRIES
6 FDC
6 FRAGMENTATION
6 IAB
6 LOCATE
6 MEANS
6 MT-LD9/VRC
6 PARTIES
6 POSITIONS
6 RAGS
6 SCRN
6 SHORT
6 SPEED
6 SUBTRACT
6 THESE
6 WEST
6 ACTIONS
6 ANNUCE
6 ARTILLERY
6 RAIL
6 BRECH
6 CHG
6 COMPANY
6 CONVOY
6 CUT
6 DE MINATOR
6 DISASSEMBLY
6 DRAIN
6 ENDS
6 FIVAL
6 HALF
6 IDENTIFICATION
6 INCOMING
6 K
6 LOCKING
6 MARGINAL
6 MIL
6 MINIMALLY
6 ON SERIES

7 TIF
7 UNUSUAL
6 --
6 AIR
6 AWAY
6 CH
6 CLOSER
6 COMBINED
6 CONNECTIONS
6 DAYLIGHT
6 DROP
6 ENVIRONMENT
6 FILE
6 H-60/PT
6 INDIVIDUAL
6 LOG
6 MINUTE
6 ORIENT
6 PASS
6 POST
6 REDUCE
6 SECONDARY
6 SIGNALS
6 SPLICE
6 SUCCESSFUL
6 TOTAL
6 WHAT
6 ALARM
6 ANNUAL
6 ASSEMBLE
6 BASIC
6 BUNKER
6 COAT
6 CONNECTORS
6 CONTANT
6 GANGER
6 DIAGRAM
6 DISPLAY
6 DRIVE
6 ENTFRING
6 FIRMLY
6 HANDSET
6 IDLF
6 INSTALLATION
6 LIMITED
6 MAINTAIN
6 MAT. TALS
6 M122
6 OBJECT
6 OBTAINED

7 TIGHTEN
7 VENTILATOR
6 ACCUMULATE
6 ALONG
6 AZIMUTHS
6 CHANGE
6 CLOTH
6 COMPLETED
6 CONTACT
6 DEAFES
6 EAST
6 EQUIPPED
6 FILL
6 HEARD
6 INT
6 LOGBOOK
6 MISFIRE
6 OUTLINED
6 PEN
6 PREVENT
6 REPORTS
6 SELECT
6 SIGNS
6 STARTING
6 SYMBOL
6 TURNED
6 WIDTH
6 ALINE
6 ANTIPERSONNEL
6 AUTOMATIC
6 BLACK
6 BURST
6 COMMANDER'S
6 CONTROLS
6 CRADLE
6 DELAY
6 DIGITS
6 DON'T
6 ELEMENTS
6 EXAMINE
6 GIVE
6 HEAR
6 IMMEDIATELY
6 INSULATION
6 LISTS
6 MAN
6 MEASURED
6 NRC
6 ORSTAVE
6 OCT

7 TRANSMISSION
7 VOICE
6 ACP
6 ANSWERS
6 BACK-UP
6 CHANGES
6 COMBAT
6 COMMENTS
6 CORRECTION
6 DELTA
6 ELECTRICAL
6 FIVE
6 FIFER
6 HZ
6 LOCAL
6 LOG
6 MOUNTED
6 PARAGRAPH
6 PLOTTING
6 RAC
6 REVERSE
6 SHEET
6 SMOKE
6 STEP
6 TECHNIQUES
6 WAS
6 ACCURATELY
6 AN/VRC-46
6 A PART
6 AUXILIARY
6 RGT
6 C-220R
6 COMMUNICATE
6 CONVERSATION
6 CMSS
6 DENTED
6 DIR
6 DOWNWARD
6 ENPLACEMENT
6 FIGURES
6 GRENADIER
6 HIRUSING
6 IMPACT
6 INSURING
6 LIVE
6 MANEUVER
6 MICROPHONE
6 NFM
6 OBSERVED
6 OFFICER'S

4 TRAVEL
4 USUALLY
4 VISUALLY
4 WAY
4 WHIP
3 ACCURACY
3 AERIAL
3 AN-2000/GRC
3 AR
3 ASSURE
3 AVERAGE
3 BINOCULARS
3 BUBBLE
3 CENTERED
3 CLEARED
3 CONFIGURATION
3 COCKOFF
3 COVERED
3 CX-472/VRC
3 DEC
3 DESCRIBED
3 DIGIT
3 DISCONNECTED
3 ELECTRIC
3 ENGAGED
3 ERECTED
3 EXCEPT
3 FAST
3 FINISHED
3 FOUD
3 FUNCTIONING
3 GND
3 GUIDE
3 HEADQUARTERS
3 HITTING
3 IMAGINARY
3 INDICATES
3 INTERSECTION
3 KEYBOARD
3 LARGE
3 LFSS
3 LIMIT
3 LISTEN
3 LONGER
3 LIMITATE
3 MARK
3 MFM
3 MOVEMENT
3 NEEDLE
3 NORTH-SOUTH

4 TREE
4 VARIABLE
4 VOLTS
4 WE
4 WHIP
3 ACHIEVE
3 AIRCRAFT
3 AM-2060/GRC
3 ARMORER
3 AUP
3 AVOID
3 CAPS
3 CHALLENGE
3 CLEATS
3 CONNECTING
3 CORNER
3 CRACKED
3 CL
3 DECLINATED
3 DESCRIPTION
3 DIRTY
3 DISMANTLE
3 ELECTRICITY
3 ENOUGH
3 ESTIMATED
3 EXPENDED
3 FASTEN
3 FLAGS
3 FOUR
3 FUZZ
3 GOVERNOR
3 HAND RANK
3 HEADSET
3 HOLE
3 IMPACTS
3 INSERTING
3 J
3 KNOR
3 LEADS
3 LFSSONS
3 LINEAR
3 LITTLE
3 LOOSE
3 LURRICATION
3 MASS
3 MESSAGES
3 MP-6R
3 NEGATIVE
3 OA-3633/GRC

4 UNSCREW
4 VISIBILITY
4 VOLUME
4 WEIGE
3 AR-75
3 ACTIVITY
3 ALIGNMENT
3 AM-2060A/GRC
3 AS-1729/VRC
3 AUTHORIZED
3 BANDLEER
3 BRACKETING
3 CASE
3 CHARLIE
3 CLOSEST
3 CONSISTS
3 CORP
3 CREPPING
3 DG
3 DEFECTS
3 DESIGNATION
3 DISARM
3 FCHJ
3 EMPLOYED
3 ENVIRONMENTAL
3 ESTIMATING
3 EXPLODES
3 FEATURES
3 FIAT
3 FPANE
3 GETTING
3 GRASP
3 HANDHEEL
3 HINGE
3 HOOK
3 INCHES
3 INSTAD
3 JULY
3 KYK-28
3 LEAF
3 LEVLED
3 LIP
3 LOAD
3 LCH
3 MAKING
3 MATING
3 MLAGAL
3 MULTIPLY
3 NIGHT
3 OA-3633A/GRC

4 UPDATED
4 VISUAL
4 WATER
4 WERE
3 AC
3 ADD/DROP
3 AIT
3 APP
3 ASK
3 AUTOMATICALLY
3 RII
3 BRING
3 COR
3 CLAYMORE
3 COMMUNICATION
3 CONTAMINATION
3 CURSE
3 CUSSES
3 DEAD
3 DEFENSIVE
3 DIFFERENCE
3 DISCARD
3 FIGHT
3 FIGHT
3 FCM
3 EVEN
3 EXPRESSED
3 FIGHTING
3 FOREIGN
3 FULL
3 GN
3 GROOVE
3 HANGFIRE
3 HITS
3 IDENTIFIER
3 INDEX
3 INSTRUMENTS
3 JCN
3 J
3 LEAVE
3 LINA
3 LIST
3 LOCATING
3 LUPICANTS
3 MALFUNCTION
3 MEAFER
3 MODE
3 NATURAL
3 NON-REGISTERING
3 ORS

3 OBSERVATION	3 OCCUP	3 OPERABLE
3 OPERATED	3 ORDERS	3 OPER
3 OVERTONES	3 PASSFS	3 PENETRATING
3 PERFORMING	3 PERMANENT	3 PLOTTED
3 PRESORTED	3 PRESS-TC-TALK	3 PRIORITY
3 PROMINENT	3 PROVE	3 PROVIDES
3 PUSH	3 PWR	3 PYPCTECHNIC
3 RAD	3 RAISC	3 RATER
3 RECEIPT	3 RECEIVED	3 RECOGNIZABLE
3 RECOVER	3 REELS	3 REFINEMENT
3 RELIABILITY	3 REMAINING	3 REPORTED
3 REST	3 RG-252	3 PACKETS
3 SALUTE	3 SR-993	3 SEARCHING
3 SEEN	3 SELECTIONS	3 SEND
3 SEVERAL	3 SITUATIONS	3 SLIP
3 SHAP	3 SOURCE	3 SOUTH
3 SPOT	3 SQUAD	3 SQUARES
3 STEERING	3 STOPPING	3 STRIKE
3 SUITABLE	3 SUPPORTING	3 TA-312
3 TE-33	3 TELL	3 TFLS
3 TERMINALS	3 TERMINATE	3 TIED
3 TOWARD	3 TRACER	3 TRANS
3 TRIMWIRE	3 UNKNOWN	3 UTILIZE
3 VIEWS	3 VIS	3 W/E
3 WHN	3 WIDE	3 WINCH
3 YOURSELF	3 ZONE	2
2 /	2 JCN	2 AB-50L/PRC-25
2 ACCENT	2 ACCEPTANCE	2 ACCOMPLISHED
2 ACIN	2 ACTIVATION	2 ACTIVATE
2 ADDITIONAL	2 ADJUSTING	2 AGREE
2 ALIGNED	2 ALLOW	2 ALLOWING
2 ALREADY	2 AM-1780	2 AN/GRC-140
2 AN/VIC-1	2 ANCHOR	2 AN/PR
2 ANT	2 ARTIFINAS	2 APPEARS
2 APPROACHED	2 ARMY	2 ARROW
2 ASSOCIATED	2 ATTACHING	2 ATTEMPTING
2 AUGUST	2 AUTHENTICATION	2 BACKUP
2 BEFORE-OPERATION	2 BEHIND	2 BELT
2 BENT	2 BEYOND	2 BLACKOUT
2 BN	2 BODY-TARGET	2 BOOT
2 BRIGADE	2 BUSHING	2 BLZFR
2 CAPABILITY	2 CASUALTIES	2 CAUTIONS
2 CD	2 CPS	2 CENTERS
2 CHANGED	2 CHANGING	2 CHANFEL
2 CHECKING	2 CLAMP	2 CLEARING
2 CLUTCH	2 CLICK	2 CMEING
2 COMPUND	2 COMPRESSION	2 CONCENTRATE
2 CONDUCTOR	2 CONSIDERED	2 CONTAINERS
2 CONTINUOUS	2 CONTINUATION	2 COROS
2 CORRECTED	2 CORRESPONDING	2 COUNTERCLOCKWISE

COUNT2	WORD2	MOS WORD LISTING/DESCENDING FREQUENCY	COUNT3	WORD3
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
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52	52	52	52	52
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84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87</	

SECRET - U.S. EYES ONLY

2	NOISES	2	NORTHING	2	NOTING	2	MOVEMENT
2	NUMBERED	2	NUMBER	2	CRACKING	2	OFF-RIM
2	OLL	2	ONE-PLAT	2	OUTRIG	2	ORIGINAL
2	OTHERS	2	OUTLET	2	OUTFIT	2	OVERLAYS
2	OVERWATCH	2	PARAPET	2	PATTERN	2	PARADOXIC
2	PERMITS	2	PLACEMENT	2	PLANNING	2	PLANS
2	PLATES	2	PLAY	2	PLUMBER	2	PLINTH
2	POLF	2	PLC-25	2	PRECAUTIONS	2	PREINSTALLED
2	PRELIMINARY	2	PRESENTED	2	PRESET	2	PRESSED
2	PRESSURE	2	PRIOR	2	PRINCE	2	PROJ
2	PROBINGS	2	PULLED	2	RADIO/TELEPHONE	2	PROPS
2	RANGE/SECTION	2	RATE	2	RDP	2	PE-EXTEND
2	REACT	2	READINGS	2	RECAPTACLE	2	PERCHECK
2	RECT	2	REFERENCES	2	REFLECT	2	REGISTER
2	REFINANCING	2	REFLECT	2	RELATIVE	2	RELAY
2	REFRAIN	2	REMAINS	2	REFRIGERATOR	2	REMOVING
2	REPLACED	2	REPORTING	2	REPRESENTED	2	REMOVING
2	RESEAL	2	RESPECT	2	RESPLICE	2	RESQUEEZE
2	RESTART	2	RETAIN	2	RIGHTHAND	2	RI-10
2	RM	2	ROTATING	2	ROUGH	2	ROUTE
2	RT3244/7447	2	RUN	2	RUST	2	SCREWDRIVER
2	SCREENING	2	SPARS	2	SEAT	2	SCRAMING
2	SECURITY	2	SENSE	2	SEED	2	SEPARATE
2	SEPARATING	2	SERIES	2	SERVE	2	SETTINGS
2	SHEETS	2	SHELL-FUZE	2	SHIFTS	2	SUITS
2	SHOOT	2	SIGHTS	2	SIMPLY	2	SIMULATED
2	SIX-DIGIT	2	SIXTH	2	SIZE	2	SKECHES
2	SL	2	SLASH	2	SLOT	2	SLOTTED
2	SLOW	2	SOAPY	2	SOLVENT	2	SCHE
2	SPEAK	2	SPEAKER	2	SPECIFY	2	SPEECH
2	SPILLS	2	SPRING	2	STAGIA	2	STAND
2	STARTER	2	STATEMENT	2	STATUS	2	STOCK
2	STOPS	2	STORAGE	2	STRAIGHT	2	STREAK
2	STRETCH	2	STRETCHED	2	STRIP	2	SURGICAL IRER
2	SUBJUNCTIVE	2	SUCCESSIVE	2	SUMMARY	2	SUPPOSE
2	SUPPRESSOR	2	SURFACES	2	SUPGE	2	SUSPECTED
2	SWIVE	2	S2/S3	2	TCE	2	TAMERS
2	TALK	2	TANKS	2	TEMPERATURES	2	TERMINATED
2	TERRITORY	2	TESTING	2	TG	2	TONG
2	THOSE	2	TIGHTNESS	2	TIMES	2	TIPS
2	TRACE	2	TRACERS	2	TRACKS	2	TRAY
2	TRAINING	2	TRAJECTORY	2	TRANSMISSIONS	2	TRAVELING
2	TRICHLOROETHYLENE	2	TROMP	2	TRUE	2	TRY
2	TSECK/KY-38	2	TSEG/KY-38	2	TIMING	2	THIST
2	TYPES	2	UNCORRECTED	2	UNIT'S	2	UNLOAD
2	UNLADEN	2	UNLOADING	2	UNPFTL	2	UNSCOVIC, EARL F
2	UNISEN	2	UP-TN-DATE	2	UPPER	2	UPRIGHT
2	UPSIDE	2	USES	2	V	2	VALVE
2	VCD	2	VELOCITY	2	VEPY	2	VAPORATION
2	VIEW	2	VISION	2	VOLUME	2	WEAK

1 COMPARTMENTS	1 COMPENSATE	1 COMPLETELY
1 COMPLETENESS	1 COMPLETED	1 COMCTSP
1 CONCISELY	1 CONCLUSIONS	1 COMCTIONS
1 CONFERENCES	1 CONCLUSION	1 CONSISTING
1 CONSERVATION	1 CONNECTION	1 C CONSTRUCTING
1 CONSULT	1 CONSTANT	1 CONTINGENCY
1 CONTINUALLY	1 CONTAINED	1 CONTINUES
1 CONTROLLED	1 CONTINUE	1 COORDINATION
1 COPIES	1 CONVERTED	1 CORRECTING
1 CORRELATED	1 COPY	1 COUNT
1 COUNTERJAMMING	1 CORRESPONDENCE	1 COVERING
1 CPX	1 CROUPLING	1 CROSSWISE
1 CRID	1 CRIMPED	1 CY-4455/GRC
1 CY-242/	1 CURE	1 D-10
1 D-12	1 CY-2562/PRC-25	1 D-3
1 D-4	1 D-14	1 DANGER/MS
1 DANGEROUS--MAKE	1 DAMAGES	1 DRESS
1 DECISION	1 DANGERS	1 DEEP
1 DEFENSE	1 DECL	1 DEFENSE
1 DETECTING	1 DEFICIENCIES	1 DEMONSTRATE
1 DEPENDS	1 DELIVERED	1 DESCRIBES
1 DESCRIPTIVE	1 DEPRESSION	1 DESIRE
1 DESCRIBED	1 DESIRABLE	1 DETERIORATION
1 DETONATE	1 DETAIL	1 DIFFERENT
1 DIODES	1 DETONATOR	1 DISARMING
1 DISARMED	1 DIRECTED	1 DISSEMINATION
1 DISMOUNTED	1 DISCARDED	1 DIVISION
1 DISTANCES	1 DISPATCHED	1 DNR
1 DOCUMENTS	1 DISTINCTIVE	1 DRAWING
1 DGT	1 DURING	1 DZ-11
1 DUEL	1 DUMMY	1 EASILY
1 E-QUIPMENT	1 EASY	1 ELEGANT
1 EASTERLY	1 EFFICIENT	1 EMBROID
1 EFF	1 EFFICIENT	1 ENCLOSURE
1 ELECTRICAL / EFFECTIVE	1 ELECTRONIC	1 ENGAGES
1 EMPLOYED	1 EMPLOYING	1 ERECTION
1 END-OF-MISSION	1 ENDANGERED	1 ESTIMATE
1 ENTIRE	1 ENTRY	1 EXCESSIVE
1 ERECTION / ERECTION	1 ESPECIALLY	1 EXPLOSIVES
1 EVERYTHING	1 EXCEPTION	1 EXTENDED
1 EXERCISE	1 EXERT	1 FACILITIES
1 EXPEDITION	1 EXPLANATION	1 FAILED
1 EXPENSE	1 EXT-INT	1 FAN
1 EXPOSURE	1 EXTRACT	1 FIFTH
1 EXTENDING	1 FACTORS	1 FINGERPS
1 FACING	1 FAMILY	1 FIVE
1 FALLS	1 FAMILIAR	1 FIVE
1 FARM	1 FEAR	1 FIVE
1 FILES	1 FILING	1 FIVE
1 FINALLY	1 FINGER	1 FIVE
1 FIRE-FOR-EFFECT	1 FIRE-FOR-EFFECT	1 FIVE

INC/USCEN/AFG FREQUENCY

WOS WDR0 1.
COURT? WDR02

INT 1 W/

1 FITS	1 FITTINGS	1 FIX	1 FLAME
1 FLAMMABLE--ON	1 FLAP	1 FLASHLIGHT	1 FLIGHT
1 FLUSH	1 FLY	1 FN	1 FLY
1 FOLLOWED	1 FOOTBALL	1 FOR/ADJUST	1 FORCE
1 FORCES	1 FOREARM	1 FORGET	1 FORMAT
1 FORMATION	1 FORMATIONS	1 FORMING	1 FORMS
1 FERRILATE	1 FORWARD	1 FRONT/REAR	1 FRAYED
1 FREQ	1 FRICTION	1 FUNCTIONAL	1 FRONTSLIGHT
1 FT	1 FUMES	1 FUNCTIONAL	1 FURTHER
1 FUDGE	1 GAGEPOINT	1 GAGEPOINTS	1 GATE
1 GEAPS	1 GENADES	1 GENERALLY	1 GENTER
1 GENI	1 GN	1 CONVERTING	1 GOVERN
1 GRAB	1 GRADUATED	1 GRAPHIC	1 GRAPHICAL
1 GRAPHICALLY	1 GRASPING	1 GREATER	1 GREEN
1 GRENADE'S	1 GRID--MAGNETIC	1 GRIDLINE	1 GRIPS
1 GRIME	1 GRIMY	1 GROUNDED	1 GRIZING
1 GROUPS	1 GUIDELINES	1 GUNNER'S	1 GUNNERY
1 H-12	1 H-60/PT	1 H-9	1 HALF-SN
1 HALFWAY	1 HANDRAKES	1 HANDLED	1 HANDLING
1 HAZARD	1 HB/MPI/REGISTRATION	1 HEADACHE	1 HEADLAND
1 HEADEN	1 HEADS	1 HEAVY	1 HELPS
1 HERTZ	1 HIGHWAY	1 HIP	1 HISTORICAL
1 HOB	1 HOOD	1 HIPS	1 HORN
1 HOB	1 HOSTILE	1 HIRIR	1 ICM
1 HOSES	1 IDENTITIES	1 IGN	1 ICHTING
1 ID	1 IGS	1 TIN	1 IL
1 IGNITE	1 ILLUMINATION	1 ILLUSTRATES	1 IMPORTANTLY
1 IMPROPER	1 IMPROVE	1 IMPROVES	1 INACTIVATION
1 INCORRECT	1 INCREASE	1 INCASED	1 INCREMENTS
1 INDEXED	1 INDICATE	1 INDICATION	1 INF
1 INFLATE	1 INFLUENCING	1 INITIALLY	1 INITIATED
1 INJURY	1 INNER	1 INSOFAR	1 INSTALL/DISABLE
1 INSTANCE	1 INSTANTANEOUS	1 INSURANCE	1 INSTRUCTOR
1 INSTRUMENT	1 INSULATING	1 INTEREST	1 INTENDED
1 INTERCUM	1 INTERCOMMUNICATIONS	1 INTEREST	1 INTERRUPTION
1 INTERSECTING	1 INTERSECTIONS	1 INTRODUCTION	1 INTRODUCTION
1 INVESTIGATING	1 ISSUED	1 ITSELF	1 IT
1 J-551	1 J-552	1 JAM	1 JAWING
1 JANS	1 JEEP	1 JIL	1 JOURNAL/DIITY
1 JUDGE	1 JUNCTION	1 J2	1 K-TRANSFER
1 KAD-153A	1 KC	1 KEPOS	1 KAPT
1 KEYLIST	1 KEYS	1 KIDS	1 KAPT
1 KNIFE	1 KNIFE-EDGE	1 KNOT	1 KNURLED
1 L-OCATION	1 LANDMINES	1 LANDS	1 LAT
1 LATERALLY	1 LAWS	1 LRF	1 LME
1 LEADER'S	1 LEADERSHIP	1 LEAVING	1 LEFTHAND
1 LEGFIM	1 LEGIBLE	1 LENGTHS	1 PHASES
1 LET	1 LETTER	1 LEVELS	1 LATION
1 LIFT	1 LIKE	1 LIFE-TOLINE	1 LKAGE
1 LIMES	1 LINKS	1 LIPS	1 LOOKING

WORDS LISTING/DESCENDING FREQUENCY
COUNT WORDS

COUNT1 WORD1

1 SITTING
1 SL/54
1 SMILED
1 SOMEWHERE
1 SPACING
1 SPILLS
1 SPOTLESS
1 STABLE
1 STAMPOY
1 STAFF
1 STATISTICS
1 STATPAGES
1 STON
1 STRENGTH
1 STYLE
1 SUFFICIENT
1 SW
1 SWITCH
1 S3
1 TANK/RADIATOR
1 TRAPS
1 TELEPOST
1 TENDENCY
1 THAT'S
1 THROUGHLY
1 THROTTLE
1 TIGHTLY
1 TONER
1 TRAITS
1 TRIPON-MOUNTED
1 TSEC/KYK-2A
1 TWO-LITTER
1 U-NIT
1 UNIFORM
1 UNPLUG
1 UNSCREWED
1 UPDATT
1 UTILITY
1 VARY
1 VEHICLES
1 VERIFICATION
1 VIEWED
1 VOLTMETER
1 WALK
1 WARRANTS
1 WD-L/TT
1 WEEK
1 WHEELS
1 WITHIN
1 WORKING

1 SITUATION
1 SLAVE/JUMPER
1 SMOOTH
1 SOUND
1 SPECIFYING
1 SPRK
1 SPRINGS
1 STAFF/JOURNAL/DUTY
1 STANDARDS
1 STAFF
1 STEADY
1 STOPPED
1 STRAIN
1 STRESSED
1 SUBJECTS
1 SUMMARIZED
1 SWING
1 SWMPSES
1 T-TIME
1 TANKET
1 TECHNICAL
1 TELESCOPE
1 TERMINATED/
1 THIN
1 THROUGH
1 THU
1 TIPPING
1 TRACED
1 TRANSMITTED
1 TRIPONMOUNTED
1 TURNING
1 TWO-PLOT
1 UNAUTHORIZED
1 UNLESS
1 UNRESTRICTED
1 UNSPECIFIED
1 UPPERMOST
1 VALLEY
1 VEHICLE-INSTALLED
1 VENTILATION
1 VERT
1 VIT
1 VT
1 WALKING
1 WASH
1 WD-L/TT
1 WEEKLY
1 WIFTHIER
1 WISH
1 WORK SHEET

1 STIMIGIT
1 SLIPPAGE
1 SNAPS
1 SOUNDS
1 SPEEDOMETER
1 SPLICES
1 SQUELGH
1 STAGGERING
1 STATING
1 STATIC
1 STEP-RY-STEP
1 STORED
1 STRAPS
1 STRIPE
1 SUMMIT
1 SUNLIGHT
1 SWITCHBOARDS
1 SI
1 TA-3L2/PT
1 TASKS
1 TEL
1 TEMP
1 TESTS
1 THINGS
1 THREAT
1 TI
1 TIPS
1 TIRCH
1 TIRNER
1 TRENCH
1 TSEC/KY-8/20/38
1 TIME
1 TYPEWRITER
1 UNDERBUSH
1 UNPACK
1 UNSAFE
1 UNWINDING
1 USIN
1 VALUES
1 VEHICLE-MOUNTED
1 VERIFY
1 VICINITY
1 VISIBLE
1 W/2
1 W/3
1 W/4
1 WATCHING
1 WEAPING
1 WHEEL
1 WINDAGE
1 WORDS
1 WT

128

PRINT1 WY

1 X-
1 YEARS

WDS WORD L1:
COUNT2 WCRD2

1 XM12A
1 YCKE

G/DESCENDING FREQUENCY
3 WCRD3

1 X2
1 ZEROTZE

DATE M1233 1923 PAIR
COUNT4 WCRD4

1 YARGFT
1 ZEROS

Revised/mms
DATA CONTROL NUMBER 100 NO / PROIE

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WFA

JUNE 16 1961

~~SECRET~~
EXTRA



WORD FREQUENCY
MOS 13E
SKILL LEVEL 2

PREPARED BY: OPERATIONS DIV. DPFO

ATDP Form 109 Replaces ATDM 110, Jul 73, which is obsolete

COPY ____ OF ____ COPIES

COUNT1 WORD1

19 +	1 -	2 -1	1 -10
149 A	2 A-R	2 AM E	14 ABOVE
4 ACCEPTABLE	1 ACCOMPLISHES	15 ACCURACY	5 ACTION
4 ACTIONS	1 ACTIVE	2 ACTUAL	1 ACTUALLY
5 ADD	1 ADD/INCP	2 ADDITION	3 ADING
3 ADEQUATELY	3 ADJUST	42 ADJUSTED	5 ADJUSTING
1 ADJUSTMENT	1 ADVANCE	5 ADVANTAGE	2 ADVANTAGES
1 AERIAL	5 AFTER	1 AGAINST	1 AGREE
1 AGREES	1 AIDED	1 AIDS	2 AM
24 AIMING	9 AIR	1 AL-1	5 ALGEBRAICALLY
1 ALINE	1 ALING NG	19 ALL	1 ALLOWS
1 ALIVING	2 ALONG	25 ALTITUDE	1 AMMUNITION
33 AN	1 ANALYSIS	245 AND	1 ANDS
2 ANGLE	7 ANNOUNCE	3 ANNOUNCED	4 ANOTHER
1 ANTI-TANK	5 ANY	1 ANYTHING	1 APART
1 APPEAL	1 APPENDIX	3 APPLICABLE	7 APPLIED
7 APPLY	9 APPLYING	20 APPROPRIATE	18 ARE
4 AREA	2 ARGUMENT	3 ARGUMENTS	1 ARMED
1 ARRANGE	31 AS	1 ASPECTS	1 ASSIGNED
2 ASSORTATION	1 ASSUMING	13 AT	3 ATTACHED
3 ATTACK	1 ATTITUDE	1 AUTOMATICALLY	3 AVAILABLE
1 AVERAGE	1 AVOIDING	1 AXIS	21 A71MITH
18 B	2 B-R	4 BACKUP	5 BASE
2 BASED	1 BASEPIECE	6 BATTERIES	21 BATTERY
1 BATTLEFIELD	46 BE	1 BECAUSE	4 BEN
1 BEGIN	1 BEHIND	1 BELOW	4 BEST
9 BETWEEN	2 BLACK	1 BLEND	5 BOTH
4 BRACKET	1 BUIT	14 BUTTON	2 BUTTONS
60 BY	12 C	9 CALIBRATED	5 CALL
1 CALLS	5 CAN	8 CANNON	1 CANNIT
1 CAPABILITIES	1 CARDINAL	1 CASUALTIES	2 CENTER
2 CENTERED	1 CHANCES	1 CHANGE	23 CHAP
1 CHAPTER	15 CHARGE	37 CHAPT	5 CHECK
1 CHECKLIST	3 CHEMICAL	1 CHITTING	30 CHRONOGRAPH
7 CIRCLE	1 CO	1 CO-1	1 COINCIDE
16 COL	1 COLUMNS	1 COMMANDER	1 COMMANDS
4 COMMITTED	4 COMMUN	1 COMMUNICATIONS	1 COMPANY
3 COMPARTIVE	10 COMPASS	2 COMPUTATION	1 COMPUTATIONS
24 COMPUTE	4 COMPLETED	11 COMPUTER	3 COMPUTER'S
1 COMPUTING	6 CONCEALMENT	3 CONCURRENT	28 CONDITIONS
1 CONDITIONS	3 CONDUCT	2 CONDUCTING	1 CONFIRM
2 CONSUMER	1 CONSIDERATIONS	1 CONSIDERED	5 CONTACT
1 CONTACTS	1 CONTAIN	1 CONTINUE	2 CONTOUR
2 CONTRIL	2 CONVERT	4 COORDINATE	4 COORDINATES
1 COPY	2 CURN R	1 COPY	10 CORRECT
10 CORRECTED	14 CORRECTION	22 CORRECTIONS	1 CORRECTLY
4 CORROD ATE	15 CORRESPONDING	2 CORRESPONDS	2 COUNT
11 COVER	1 COVERED	1 CNI	1 COW-SERVED
1 CRITICAL	1 CROSS-SECTION	5 CURRENT	6 CURSOR
1 C1	11 D	1 D-5	1 D-4

COUNT4 WORD4 DATE A1203 1426 PAC

SEQUENCE C. 3 WORD3

POS WORD LISTING/ASCEN

COUNT1 WORD

1 DA	67 DATA	2 NAVLIGHT	2 DECLINATED
3 DECREASE	66 DEFLECTION	1 DEFLECTOR	4 DELAY
1 DELTA	7 DENSITY	6 DEPRESS	1 DERESSED
5 DEPRESSING	1 DEPRESSION	1 DEPRESSIONS	4 DEPTIVE
1 DERIVED	1 DESIGNATED	1 DESTROYED	7 DESTRUCTION
1 DETAINED	6 DETECT	2 DETERMINE	1 DETERMINATIONS
92 DETERMINE	1 DETERMINED	5 DETERMINING	1 DE
9 DIFFERENCE	1 DIFFICULTY	79 DIRECT	15 DEFECTIVE
2 DIRECTIONS	1 DISGUISE	1 DISPLAY	2 DISPLAYED
1 DISREGARD	2 DISTANCE	1 DISTINGUISHABLE	4 D
2 DICES	2 DOWN	3 DRIFT	1 DRILL
9 DURING	2 DUST	10 E	13 EACH
2 EASILY	2 EAST	2 EFFECTIVE	1 EFFECTIVENESS
2 EFFECTS	1 EITHER	1 ELEMENT	3 ELEMENTS
92 ELEVATION	1 EMBLEMMENTS	1 ENAMING	1 ENCOUNTERED
4 END	11 ENEMY	2 ENEMY'S	36 ENTER
10 ERROR	13 ENTERED	6 ENTRY	7 EQUIPMENT
1 ETC	6 ERRORS	2 ESPECIALLY	2 ESTABLISHED
1 EXHIBITS	2 EVALUATE	1 EVERY	1 EXHAUST
2 EXPRESS	1 EXPECTED	1 EXPLOIT	1 EXPOSURE
1 EXTRACTED	4 EXPRESSED	1 EXPRESSING	11 EXTRACT
1 FACT	1 EXTRAPOLATION	9 F	9 FA
1 FAR	21 FACTOR	1 FACTORS	112 FADAC
3 FEATURE	1 FAVORABLE	3 FDC	1 FCC'S
3 FIELD	7 FEATURES	2 FEDA	1 FE
1 FIGURE	5 FIELDS	1 FIGHT	1 FIGHTING
1 FINISHED	10 FINAL	1 FIND	7 FINISH
1 FIRE-FOR-EFFECT	1 FIR	53 FIRE	5 FIRE-FOR-EFFECT
7 FIRST	16 FIRED	5 FIRE'S	37 FIRING
3 FLAGS	1 FIVE	1 FIXED	4 FLAG
127 FCR	57 FM	7 FOLLOWING	1 FLOWNS
1 FORMS	2 FORCE	1 FORCES	1 FORGET
1 FRIENDLY	1 FORWARD	5 FOUR	1 FBAG
1 FULLY	50 FROM	2 PRINT	1 TS
2 GAMBIT	39 FUZE	3 G	4 GAGELINE
1 GETTING	2 GAUGE	1 GAUGELINE	2 GET
4 GMPD	64 GFT	1 GIVE	16 GIVEN
1 GREATER	1 GGT	1 GRAPHICAL	1 GREAT
1 GROUP	1 GREATLY	11 GRID	17 GROUND
8 GUNNERY	1 GROUPS	10 GUN	2 GUNFR
1 HAIR	1 H	1 H-A	1 HAY
1 HAVING	12 HAIRLINE	4 HAS	9 HAVE
1 HEIGHT	7 HE	1 HEADING	1 HEAVIER
1 HIS	2 HEIGHT-OF-BURST	1 HIDES	1 HILLTOPS
6 HOW	12 HOR	1 HOUR	1 HOURS
9 ICH	1 HOWEVER	2 HUNTER	6 I
1 ILL	30 IF	8 IT	6 III
1 IMPACT	1 ILLUMINATION	1 IMMEDIATELY	3 IMPACT
2 INCLUDING	2 IMPORTANT	69 IN	1 INCLUDE
	7 INCREASE	5 INCREMENT	1 INCREMENTS

COUNT 4 WORD 4

WOS WORD L...TING/ASCENDING: SEQUENCE
COUNTS WORDS

COUNT 2 WORD 2

COUNT 1 WORD 1

1 INDEX	3 INDICATES	1 INDIVIDUAL	2 INFANTRY
3 INFORMATION	12 INITIAL	2 INPUT	11 INSURE
1 INSURES	1 INTERPOLATE	2 INTERVAL	1 INTO
1 IRREGULARLY-SHAPED	41 IS	1 ISSUED	7 IT
2 IV	1 JAN	3 JGR	3 KFY
2 KEYWORD	13 KNOWN	3 LATD	2 LAND
8 LAST	1 LATERAL	1 LATEST	7 LAY
2 LAYING	1 LEAST	1 LEFT	1 LENGTH
2 LFNS	2 LESS	7 LESSON	3 LEVELLED
1 LIGHTER	1 LIKELIHOOD	1 LIMIT	1 LIMITING
3 LIMITS	3 LINE	2 LINEAR	2 LIST
2 LOCATE	1 LOCATED	23 LOCATION	1 LOCATIONS
1 LONG	2 LOST	9 LOT	1 LGTS
2 LOW	4 M/S	1 MACHINEGUNS	1 MAGNETIC
1 MAIN	13 MAINT	2 MAKE	1 MAKES
1 MAKING	2 MANEUVER	19 MANUAL	5 MANUFACTURERS
1 MARY	30 MAP	1 MAP-TERRAIN	1 MAPS
1 MARCH	7 MASS	1 MASSING	10 MATRIX
1 MATED	3 MAXIMUM	1 MAY	3 MDP
20 MEASURES	2 MECHANIZED	1 MEETS	1 MENTAL
2 MESSAGE	10 NET	6 METER	10 METERS
4 METHOD	2 METHODS	17 MI	5 MILITARY
1 MILITANTS	5 MILS	3 MIHUS	1 MINUTE
12 MINUTES	26 MISSION	4 MISSIONS	2 MODE
4 MORE	2 MOST	3 MOUNTED	4 MOVF
10 MOVEMENT	4 MOVING	1 MULTIPLE	3 MULTIPLY
4 MULTIPLYING	16 MUST	2 MUTUALLY	9 MULTIPLE
4 MW	5 MVV	1 MUDGAL	1 MUDGAL
10 MLO	3 M2	17 M36	7 M564
1 M565	1 NAVIGATE	1 NAVIGATING	1 NAVIGATION
1 NDP	20 NEAREST	1 AFFDLE	1 NEGATIVE
1 NEGOTIABLE	6 NEW	1 NEXT	4 NC
7 NON-REGISTERING	1 NON-STANDARD	7 NONADJUSTING	1 NORMALLY
3 NORTH	1 NORTH-SOUTH	7 NUT	3 NUTE
4 NUCLEAR	9 NUMBER	2 OBJECTIVE	5 OBSERVATION
1 OBSERVE	4 OBSERVER	12 OBSERVER'S	1 OBSTACLES
1 OBTAINED	3 OBTANT	1 OCTANTS	177 OF
7 OFFSET	40 ON	10 ONE	1 OFPH
13 OPER	12 OPERATION	97 OPERATOR	25 OR
17 ORDER	3 ORG	4 ORIENT	1 ORIENTED
2 OT	8 OTHER	12 OVER	5 OVERPRIN
4 OVERSTOPS	5 OVERWATCH	2 PAGE	3 PAGE
1 PAGES	8 PANORAMIC	1 PANTFL	4 PAPER
15 PARA	3 PART	1 PARTS	7 PENCIL
1 PEP	5 PERFORMANCE	1 PERFORM	8 PERFORMANCE
15 PERFORMANCE	5 PERFORMED	2 PERMITS	1 PG
1 PHASE	1 PHOTOGRAPHS	14 PIERCE	2 PIERCES
5 PH	6 PLACE	7 PLACING	2 PLANNING
5 PLATON	1 PLATON'S	1 PLATOONS	1 PLOT
2 PLOTTING	3 PLUS	39 POINT	2 PLOTTING

6 POINTS	14 POSITION	7 POSITIONS
3 POSITIVE	1 PRACTICE	1 PRECIS
3 PRECISION	3 PRESENT	1 PRESS
1 PRETEXT	2 PRIMARY	22 PRECEDENCES
1 PROCESS	20 PROJECTILE	5 PROJECTILES
1 PROLONGED	3 PROPELLANT	2 PROPER
2 PROMISED	3 PROTRACTOR	2 PROVIDE
2 PROVIDES	1 C	7 OF
21 QUADRANT	1 QUICKLY	17 PADAR
4P RANGE	1 RANGE/OFFLECTION	1 PACHING
1 READ	12 READMIT	4 PFCALL
2 RECALLFD	1 RECALLING	1 RECEIVED
2 RECIPROCAM	2 RECOMPUTE	1 RECOMMITER
1 RECIUR	31 RECORD	1 PICT
1 RED	2 REDUCE	1 PEENTERED
15 REFERENCE	9 REFERENCES	4 PFFINEMENT
1 REF	7 REGISTERING	1 REGISTRATION/SPECIAL
1 RELATE	1 REMAINING	1 REPEATING
8 REMOT	1 REPORT	2 PFOURED
2 REQUIREMENT	2 REQUIREMENTS	1 RESIDUAL
7 RESIDUALS	7 RESULT	1 REVEAL
1 RIDGES	2 RIGHT	10 RCTATE
10 ROUND	9 ROUNDS	1 SADDLES
9 SAMF	17 SCALE	20 SEC
8 SECOND	1 SECOND-PLOT	4 SECTION
9 SELECT	1 SELECTION	1 SEP
2 SEPARATE	5 SEQUENCE	7 SET
1 SFTS	45 SETTING	1 SEVEN
12 SHEET	7 SWELL	1 SHIELDING
4 SHOULD	1 SHOWN	5 SIGN
11 SITE	3 SITUATION	2 SIX-DIGIT
5 SM	2 SMOKE	2 SMITH
1 SPECIAL	1 SPECIFIED	1 SPEED
1 SPEND	1 SPREADS	1 SQUADS
3 SQUARF	11 SQUARFS	20 STANDARD
20 STANDARDS	8 START	1 STEPS
2 STORAGE	9 STORE	1 SUBSTITUTE
2 SUBTRACT	7 SUBTRACTING	3 SUPPORT
4 SUPPORTED	1 SUPPRESSIVE	1 SURROUND
2 SUSPECTED	1 SYSTEM	1 SYSTEMS
12 TABLE	1 TABLES	2 TAKE
1 TAKES	1 TAPE	2 TARGETS
4 TASK	1 TC	1 TECHNIQUE
1 TECHNIQUES	1 TFG	1 TEMPERATURE
6 TEMPORARY	2 TERMINATE	2 TEXT
8 TF	8 THAN	12 TFF
2 THEM	1 THEN	3 THOSE
4 THEY	1 THING	1 TI
4 THREF	5 THROUGH	260 TC
24 TIME	9 TIMES	

COUNT 1 WORD1

1 TOLERANCE
2 TOXIC
9 TON
3 TYPING
4 UNITS
1 UNSTRUCTURED
3 USED
1 V
1 VARIATIONS
1 VELOCITIES
2 VERTICAL
1 VITI
1 W/GI
20 WEAPON
3 WEIGHTS
4 WMPF
1 WILL
11 WITHOUT
5 XN120
1 YOUAVE

COUNT 2 WORD2

1 TOP
6 TRANSFER
1 TWO-PLOT
9 UNDER
6 UNITS
9 UNTIL
1 USES
2 VALLEYS
2 VARIED
3 VELOCITIES
1 VI
1 VISUALIZE
1 WAS
6 WEAPONS
2 WEST
1 WHETHER
32 WILL
1 WORKSHEET
1 XO
23 YOUR

COUNT 3 WORD3

15 TOTAL
1 TRANSMIT
5 TYPE
1 UNDERSTAND
2 UNKNOWN
2 UPPER
49 USING
7 VALUE
1 VARYING
17 VELOCITY
6 VINDEN
1 VT
2 WAY
1 WEATHER
2 WHIT
7 WHICH
44 WITH
4 WP
3 YOKO
2 ZERO

COUNT 4 WORD4

1 TCUARD
2 TRIG
2 TYPES
12 UNIT
1 UNNECESSARY
14 USE
1 USUALLY
4 VARIATION
6 VE
2 VERIFY
1 VTI
3 W/F
1 WAYS
24 WFEIGHT
6 WFEV
2 WFILE
24 WITHIN
2 WHITE
44 YNU
5 ZONE

COUNT1 WORD1 COUNT2 WORD2 COUNT3 WORD3 COUNT4 WORD4

7 NOT 7 OFFSET 7 PENCIL 7 PLACING
7 POSITIONS 7 OF 7 REGISTERING 7 PERIODICALS
7 RESULT 7 SELECTOR 7 SET 7 SPELL
7 SUBTRACTING 7 VALUE 7 WHICH 7 BATTERIES
6 COMMITTED 6 CONCEALMENT 6 CORRELATE 6 CURSOR
6 DEPRESS 6 DERIVE 6 DETECT 6 ENTRY
6 ERRORS 6 HOW 6 I 6 III
6 METER 6 MULTIPLYING 6 NEW 6 PLACE
6 POINTS 6 PROGRAM 6 RECALL 6 SUBSEQUENT
6 TASK 6 TEC 6 TEMPORARY 6 TRANSFER
6 UNITS 6 VF 6 VIDEO 6 WEAPONS
6 WHEN 6 ACTION 6 ADD 6 ADJUSTING
5 ADVANTAGE 5 AFTER 5 ALGEBRAICALLY 5 ANY
5 RASF 5 BOTH 5 CALI 5 CAN
5 CHECK 5 CONTACT 5 CURRENT 5 DEPRESSING
5 DETERMINING 5 FIELDS 5 FIRE-FOR-EFFECT 5 FIRES
5 FOUR 5 INCREMENT 5 MANUFACTURERS 5 MILITARY
5 MILS 5 MVV 5 OBSERVATION 5 OPERATOR
5 ORIENT 5 OVERRIDE 5 OVERWATCH 5 PERFORMANCE
5 PERFORMED 5 PIN 5 PLATOON 5 PROJECTILES
5 REFERRED 5 SEQUENCE 5 SIGN 5 SP
5 SUPPORTED 5 THREE 5 THROUGH 5 TYPE
5 VARIATION 5 WHERE 5 XPIZR 5 TIME
4 ACTIONS 4 ANOTHER 4 AREA 4 RACKUP
4 BEEN 4 BEST 4 CRACKET 4 COMMON
4 COMPUTED 4 COORDINATE 4 COORDINATES 4 DELAY
4 DN 4 EXPRESSED 4 FLAG 4 GARFIELD
4 GND 4 HAS 4 MOVE 4 METHOD
4 MISSIONS 4 MORE 4 MOVE 4 MOVING
4 MV 4 NO 4 NICK FAP 4 OVERLINES
4 PAPER 4 REFINEMENT 4 SECTION 4 SHIELD
4 SURFACE 4 TIFY 4 THIS 4 UNITS
4 WP 3 ADDING 3 ANNOUPLY 3 ATTACHED
3 ATTACK 3 APPLICABLE 3 ARGUMENTS 3 COMPARATIVE
3 COMMITTEES 3 AVAILABLE 3 CHEMICAL 3 DECREASE
3 DEIFY 3 CONCURRENT 3 CONDUCT 3 FDC
3 FEATURE 3 ELEMENTS 3 END 3 G
3 ILLUMINATION 3 FIELD 3 FLAGS 3 INDICATES
3 INFORMATION 3 IMPACT 3 INCREMENTS 3 INFO
3 LEVELED 3 JGR 3 KEY 3 MAXIMUM
3 MDP 3 LIMITS 3 LINE 3 MULTIPLY
3 MDP 3 MINUS 3 MOUNTED 3 OBTANT
3 MDP 3 NORTH 3 NOTE 3 PLUS
3 ORG 3 PAGE 3 PART 3 PRESENT
3 POSITIVE 3 PRECISION 3 PRESENT 3 PROPELLANT
3 PROTRACTOR 3 RECONNAISSANCE 3 SECOND 3 SITUATION
3 SOLAP 3 SUCH 3 SUPPORT 3 TACTICAL
3 TECHNICALS 3 TEMPERATURE 3 THESE 3 TYPING
3 USED 3 VELOCITIES 3 W/F 3 WEIGHTS
3 YNKE 2 A-1 2 A-1

1 RELATF
1 REPORT
1 RETURN
1 SADDLES
1 SEP
1 SHIELDING
1 SPECIAL
1 SPEND
1 STANDARDS
1 SUPPRESSIVE
1 TAPLES
1 TECHNIQUE
1 THING
1 TOP
1 UNDERSTAND
1 USUALLY
1 VARYING
1 VIII
1 WAS
1 WITH

1 REMAINING
1 REQUEST
1 REVEAL
1 SCALES
1 SFTS
1 SHOWN
1 SPECIFIED
1 SPREADS
1 STEP
1 SURROUND
1 TAKES
1 TEG
1 THRU
1 TOWARD
1 UNNECESSARY
1 V
1 VELOCITIES
1 VISUALIZE
1 WAYS
1 WORKSHEET

1 REPEAT
1 REQUIREMENTS
1 RIDGES
1 SECOND-PLOT
1 SEVEN
1 SIGHT
1 SPECIFYING
1 SQUAD
1 STEPS
1 SYSTEM
1 TAPE
1 THEN
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1 TRANSMIT
1 UNSTRUCTURED
1 VALLEYS
1 VI
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1 WEATHER
1 XN

1 REPEATING
1 RESIDUAL
1 ROAD
1 SELECT ION
1 SHELLS
1 SO
1 SPEED
1 SQUADS
1 SUBSTITUTE
1 SYSTEMS
1 TC
1 THERE
1 TOLERANCE
1 TWO-PLOT
1 USES
1 VARIATIONS
1 VIT
1 WAGI
1 WHETHER
1 YOU'VE

HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



PREPARED BY: OPERATIONS DIV, DPFO

ATDP Oct 86 109-1

FORM
Feb 99 edition may be used
until exhausted.

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APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.

(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

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: |
| | 1. punctuation |
| | 2. punctuation and conjunctive adverb |
| | 3. 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 to, 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 |
| | 1. agent expressed |
| | 2. 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 | |
| 1. regular | big, bigger |
| 2. 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 | 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

- | | |
|----------------------------------|------------|
| 1. place | on, in |
| 2. time | in, at, on |
| 3. direction/motion | to |
| 4. manner/agent/
instrument | by, with |
| 5. 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