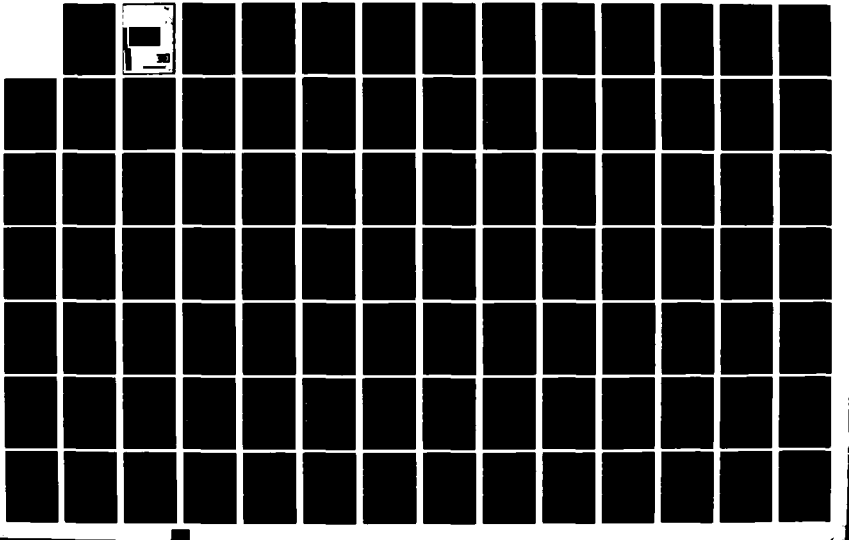
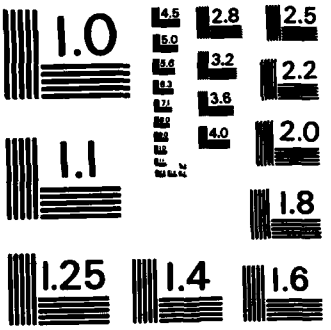
AD-A121 157 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 11C INDIRECT FIRE INFANTRYMAN(U) DEFENSE LANGUAGE INST LACKLAND AFB TX ENGLISH LANGUAGE CENTER OCT 82 1/5

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JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR 11C MOS INDIRECT FIRE INFANTRYMAN

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Job Language Performance Requirements (JLPR)	Task Inventory
Lexical Analysis	Common Tasks
Structural Analysis	Listening
English Language Skills	Speaking
Task Prioritization Checklist	Reading

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified.

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FOR 11C



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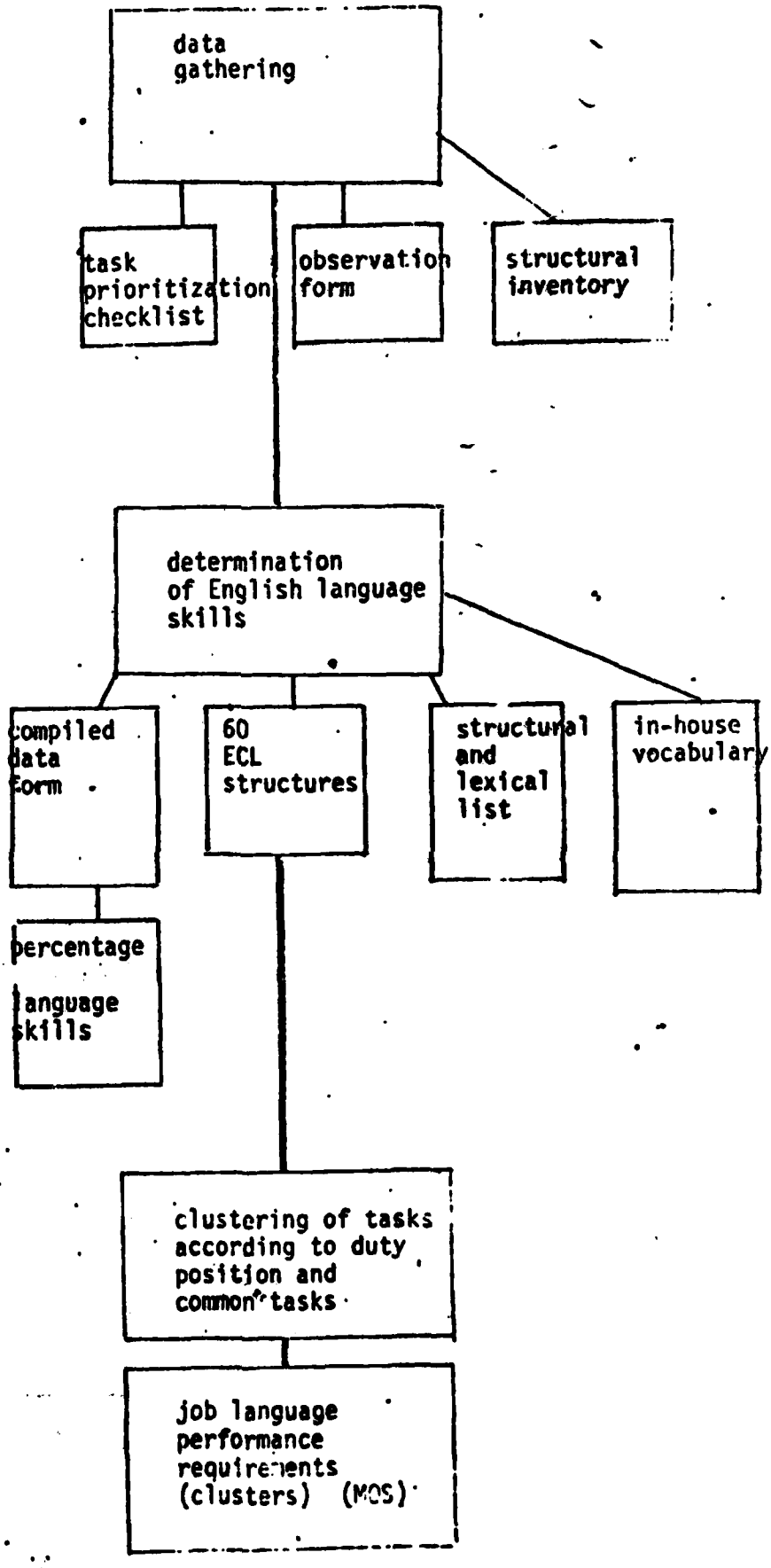

data gathering
task prioritization checklist
observation form
structural inventory
determination of English language skills
compiled data form
60 ECL structures
structural and lexical list
in-house vocabulary
percentage
language skills
clustering of tasks according to duty position and common tasks
job language performance requirements (clusters) (MOS)

FIGURE 1

CONTENTS

	PREFACE	iii-iv
SECTION I	DATA GATHERING	1-1
	Methods	
	Forms	
	Conclusion	
SECTION II	DETERMINATION OF ENGLISH LANGUAGE SKILLS	2-1
	Organization of data	
	Table of language skills	
	Forms	
	Vocabulary	
	Conclusion	
SECTION III	CLUSTERING COMMON AND DUTY POSITION TASKS	3-1
	Explanation	
	Clusters	
SECTION IV	JOB LANGUAGE PERFORMANCE REQUIREMENTS	4-1
	Format	
	Task	
	Explanation of language tasks vs MOS tasks	
	Conditions	
	Standards	
	Conclusion	
SECTION V	JOB LANGUAGE PERFORMANCE REQUIREMENTS	5-1
	CLUSTER	
	TITLE	
	Percentage Language Skills	
	Job Language Performance Requirements	
	Task numbers	
	Task names	
SECTION VI	JOB LANGUAGE PERFORMANCE REQUIREMENTS	6-1
	Entire MOS	

APPENDICES

1.	Task Prioritization Checklist	A 1-
2.	Task Inventory Compiled Data Form	A 2-
3.	Percentage Language Skills	A 3-
4.	Observation Forms	A 4-
5.	Structural/Lexical List	A 5-
6.	Vocabulary (in house)	A 6-
7.	Vocabulary (machine-generated)	A 7-
8.	60 ECL Structures	A 8-

PREFACE

Instructions for review of Job Language Performance Requirements for [illegible].

Military Reviewers:

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

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

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

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

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

Thank you for your cooperation. It is greatly appreciated.

An explanation of Appendices one through eight follows:

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

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

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

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

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

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

Appendix seven is the machine generated vocabulary for 11C prepared by TRADOC.

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

SECTION I

DATA GATHERING

INTRODUCTION

To determine the Job Language Performance Requirements for 11C, data had to be gathered. The gathering of data and form used are discussed in the following section.

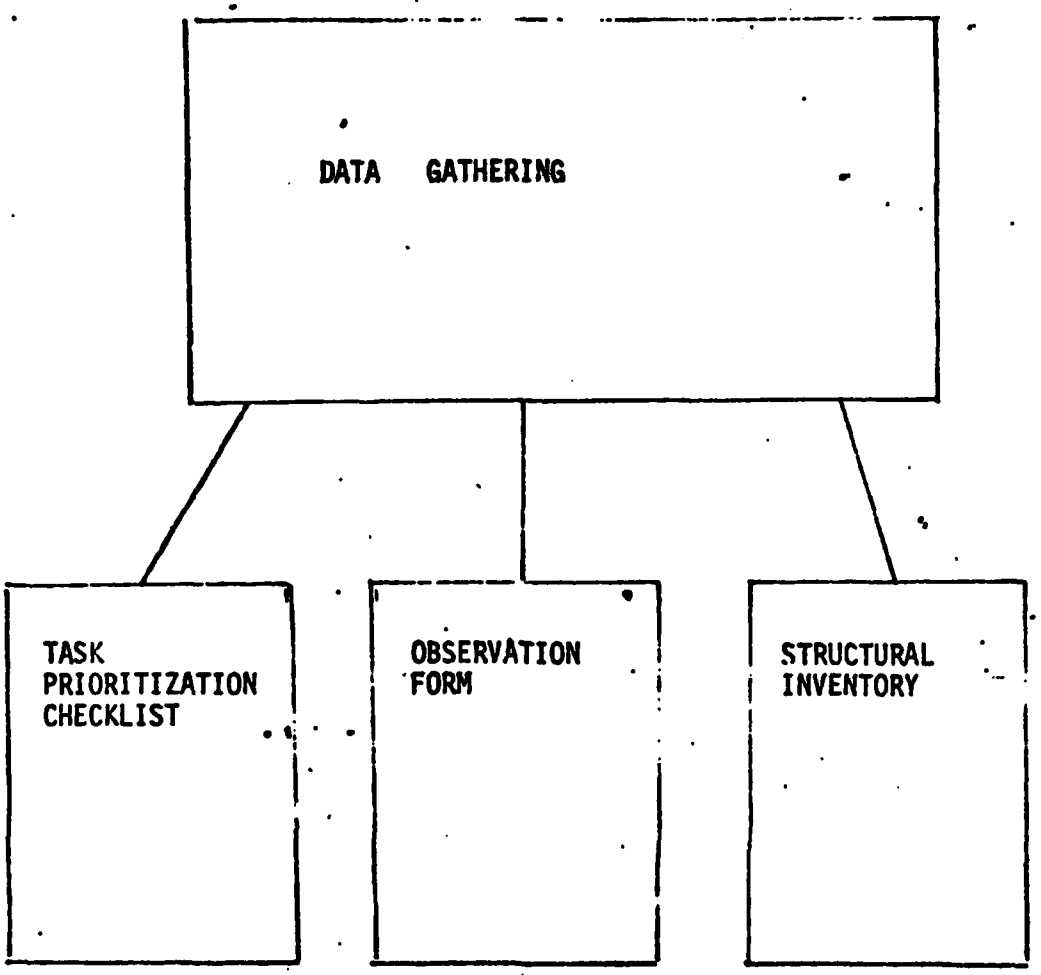

DATA GATHERING
TASK PRIORITIZATION CHECKLIST
OBSERVATION FORM
STRUCTURAL INVENTORY

FIGURE 2

SECTION I: DATA GATHERING

In order to establish job language performance requirements for MOS 11C, the curriculm department at the Defense Language Institute (DLI), analyzed the current learning and working situations, user populations and individual tasks pertaining to 11C. The goal was to collect data which would help identify the job language performance requirements not only in the MOS but also in the field of language.

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

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

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

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

The lexical and structural analysis was done by a panel of experts who first listed all structures found in the Soldier's Manual and then all structures, standard and non-standard noted on the Observation forms for 11C. All vocabulary from the Soldier's Manual was also listed. Then all lists were combined into a lexical and structural inventory.

CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 3)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in MOS 11C)

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

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

The data gathered was not immedi
useful. It had to be organize
information. The following sectio
discusses the organization of
determine the English language sk

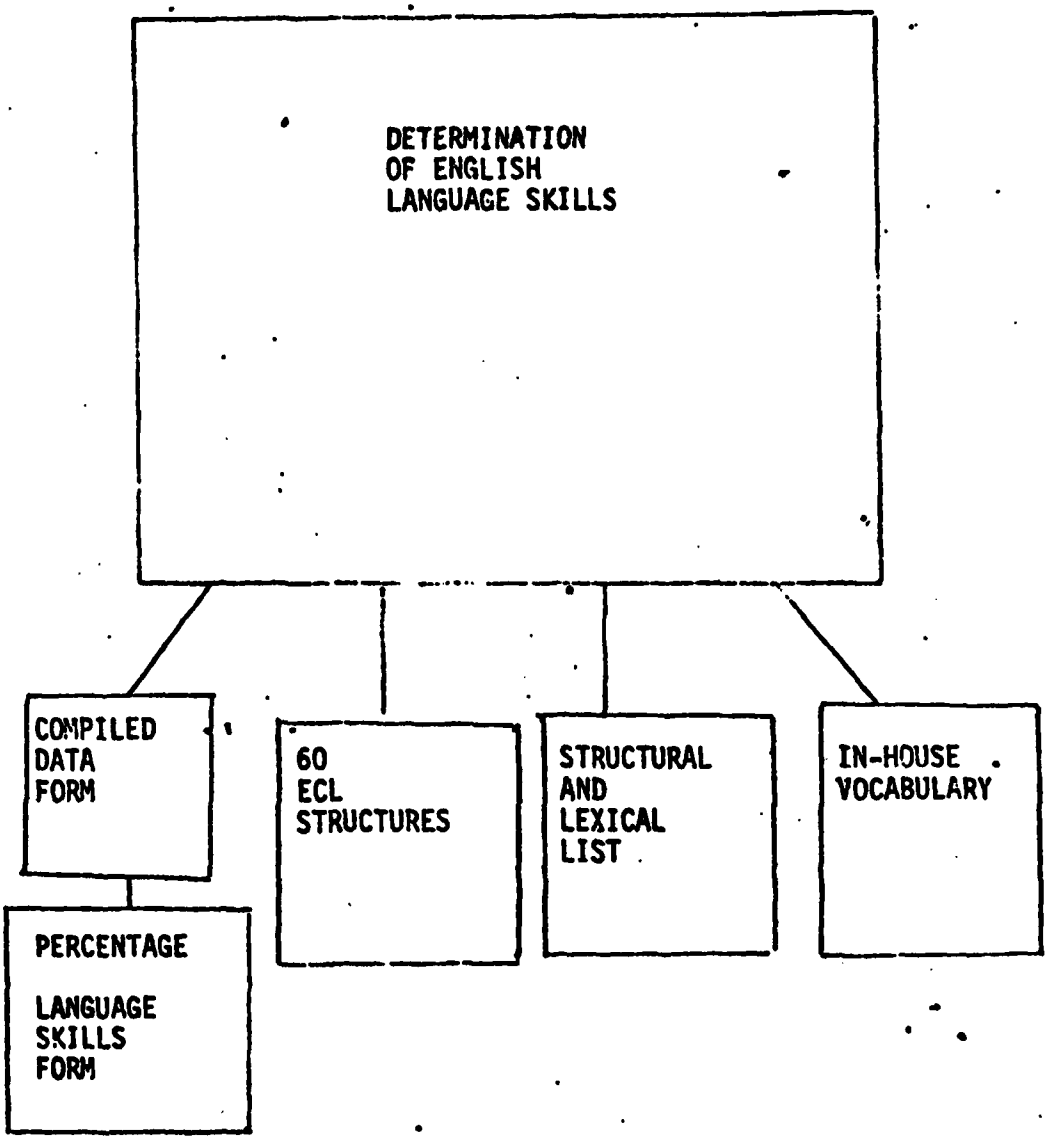

DETERMINATION
OF ENGLISH
LANGUAGE SKILLS
COMPILED
DATA
FORM
PERCENTAGE
LANGUAGE
SKILLS
FORM
60
ECL
STRUCTURES
STRUCTURAL
AND
LEXICAL
LIST
IN-HOUSE
VOCABULARY

FIGURE 3

10

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

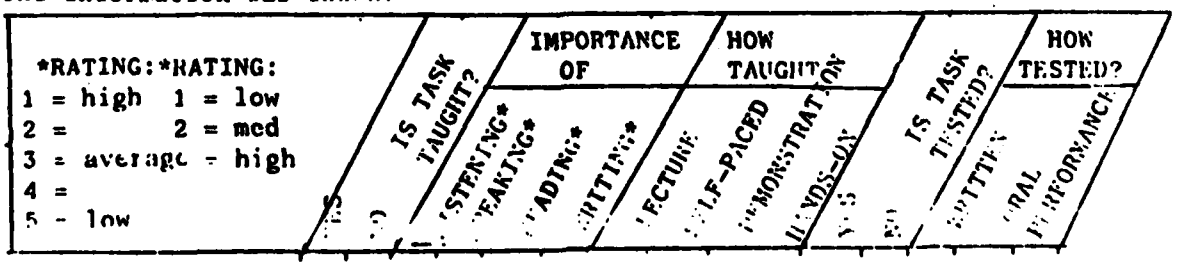
The Compiled Data Form, Appendix 2, was used to organize the data from the user populations. The information from the Task Prioritization Checklist was recorded directly on this form. Three variables from the prioritization checklist were used to determine the language skills.
They were:

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

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

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

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



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

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

divisor

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

dividend

This indicated the percentage of use of the skill in the task. Percentages of skills in the duty position and in the MOS were found by incrementing task number and number of responses (See Appendix 3). Percentages found in 11C were:

Listening	69.6%
Speaking	27.7%
Reading	19.4%
Writing	26.3%

As shown by the figures, listening is the most important skill in 11C. However, in a particular duty section, percentages varied. Appendix 3, the Percentage Language Skills Form, shows percentages of skills in each duty position.

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

We are concerned with those lexical and structural items that are necessary to learn and perform tasks in 11C. The non-native soldier needs these structural and lexical items to successfully complete MOS training. Appendix 5 is the final list of lexical and structural items necessary in 11C. A 60 ECL was used as a base line and does not reflect the specified ECL for entry into MOS training. The 60 ECL was chosen because experience at DLIELC (Defense Language Institute, English Language Center), has shown a 60 ECL to be an excellent indicator of success in training of a non-native speaker.

The lexical and structural items are identified by grammatical title. Appendices 6 and 7 are the actual words, terms, and acronyms found in 11C.

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

Appendix 6 is a machine generated vocabulary list made by the United States Army Training and Doctrine Command at Fort Monroe, Virginia. Through a review of the current POI, 11C Skill Level 1 and Soldier's Manual, a subjective evaluation was made on each task to determine the five vocabulary reductions. (Appendix 7) The five categories were:

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

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

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

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

In order to explain any redundancies which may be noted with respect to the language structures and vocabulary items cited in the language performance requirements for the Basic Training ESL course, it should be pointed out that at present it is planned that the basic structures and general Engish vocabulary necessary for attainment of a 60 ECL will developed in the materials designed for use either in the Basic Training ESL course or the Pre-enlistment course. The basic soldiering vocabulary will also be developed in the BT materials. It is planned that any language structures identified in the analysis of the 11C Soldier's Manual and the Observation Forms not listed for 60 ECL (Appendix 8), will be developed in the MOS course. Also, to be included as part of the language performance requirements is the MOS specific vocabulary. (Appendix 6)

CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory/Compiled Data Form, use of the Percentage Language Skills Forms, and the In-house Structural Analysis list. The 60 ECL list of structural items was also used to further validate the in-house inventory of lexical and structural items. The actual lexical items in 11C are listed task by task. All of this information was then used to determine the Job Language Performance Requirements for 11C.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

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

The following section contains a discussion of the clustering process.

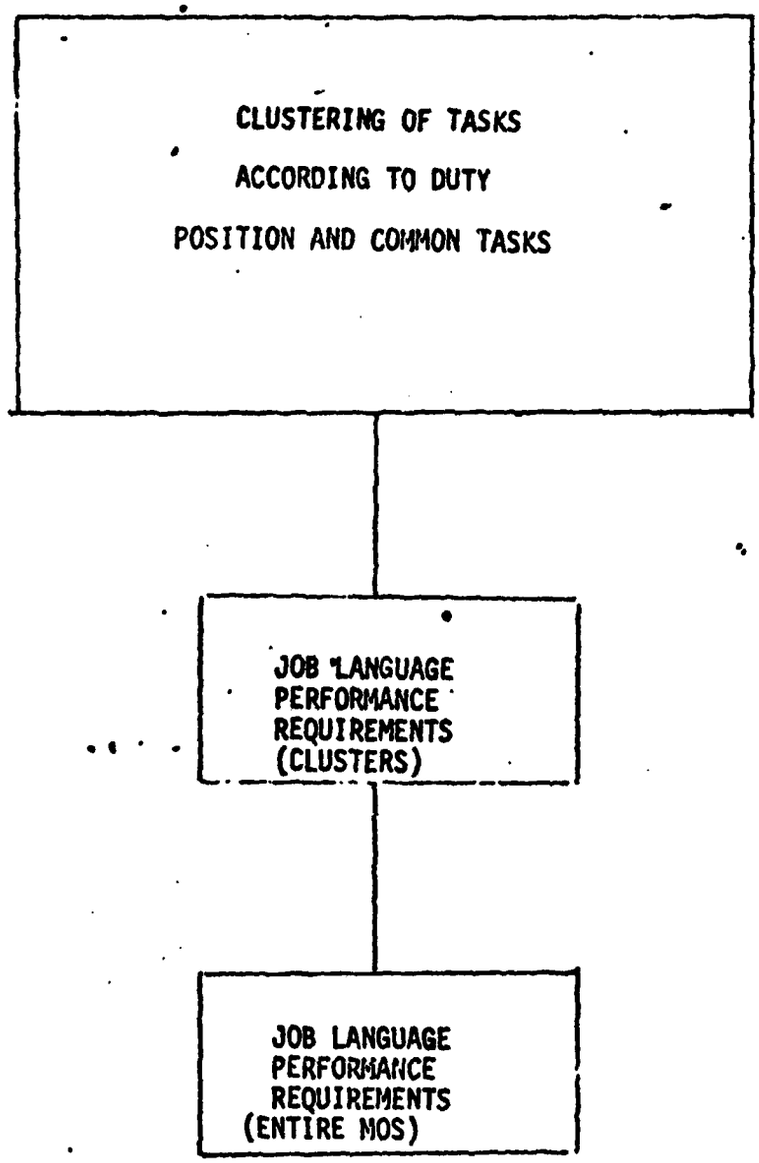

CLUSTERING OF TASKS
ACCORDING TO DUTY
POSITION AND COMMON TASKS
JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(CLUSTERS)
JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(ENTIRE MOS)

FIGURE 4

SECTION III: CLUSTERING COMMON AND DUTY POSITION TASKS

The Soldier's Manual for 11C contains 210 tasks. The necessity to the flow of teaching and flexibility of teaching one task before or after another warranted clustering of the tasks.

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

The following clusters are in 11C:

1. First aid
2. Nuclear, biological and chemical
3. Individual fitness
4. Camouflage, cover, concealment
5. Basic individual techniques
6. M16 plotting board
7. Wheeled vehicle driver (mortar, ground mounted)
8. Tracked vehicle driver (mortar, carrier mounted)
9. Security & intelligence
10. Map reading (land navigation)
11. M16A1 rifle
12. M203 Grenade launcher
13. Light antitank weapon (LAW)
14. Caliber 45 pistol
15. .50 Caliber Machine gun (mechanized units only)
16. Hand grenades
17. Mines
18. Demolitions
19. Forward observer procedures
20. Communications
21. Mortar (general)
22. Fire without an FDC
23. Leadership
24. 81 MM mortar squad leader (ground mounted)
25. 81 MM mortar squad leader (carrier mounted)
26. 107 MM (4.2 in.) mortar squad leader (ground mounted)
27. 107 MM (4.2 in.) mortar squad leader (carrier mounted)
28. 81 mortar computer
29. 107 MM (4.2 in.) mortar computer

SECTION IV

THE JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

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

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements are tasks specifying what the soldier must do in the area of language. A task addressing language would be one of reading, listening, speaking or writing. The soldier needs the language task to learn or perform the MOS task. Tasks for 11C as seen in the Soldier's Manual are those which pertain to locating, reporting, &engaging Threat forc To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write.

SPEAKING

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

Analysis of 11C indicates verbal reports entailing those activities directly related to MOS 11C, Direct Fire Infantryman.

The speaking act to respond or elicit reponse is in 11C an oral response to a command or visual signal involving closing with or destroying enemy personnel, weapons and equipment.

Speaking to elicit response in reference to 11C involves implementing combat orders and requesting fire.

Speaking to explain involves situations of adjusting, supporting fire, and actually teaching particular tasks.

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

READING

Read for information/Read to learn.

Printed and written materials are used throughout 11C. The soldier reads technical manuals, field manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in simple factual words or sentences to complex passages containing highly technical vocabulary and ellipsis. The purpose is to teach the student, so, the student reads them to learn. From the analysis of 11C the task of reading supplements the lectures and demonstrations or it preceeds the tests. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to long or short term memory and for immediate or later recognition.

Basically the soldier will use these reading materials to supplement what is stated in lecture by integrating the information from the different texts or written communiques.

Reading materials such as this requires the ability to acquire meaning from the word (we can assume he can already decode in the MOS). The soldier must develope the ability to understand the words in context. Then the soldier must read in thought units, and finally select and understand the main ideas. The soldier must retain, apply and integrate these ideas with past experience to use in the present.

Reading to learn then is the aforementioned synthesis or formulation. Retaining what is read in long term memory for integration in experiences.

Reading for information does not involve such a thought synthesis. The read material is retained in short term memory and processed as necessary for clarification of what had been read in the process of learning. The soldier needs the data at present so it is accessed from a storage device for immediate use and then returned. In reading to learn, the accessing of the information is immediate but the returning of the information does not happen. The information is kept for further processing. (It is similar to a real time computer)

LISTENING

Listen to oral information to learn or report.

Analysis of 11C indicated lecture as 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. In the presentation of the lecture, analysis indicated many variables. The soldier hears sub-standard usages, various registers, colloquialisms, or profanity in a situation ranging from a barracks to a field. The soldier must differentiate betweeen the types of language operations. Is it expression, exchange, description, explanation, argumentation, persuasion, designation, statement, request or order? The oral information may be directly from the speaker, over a telephone, radio, TV, or tape. The soldier must formulate all to learn. The soldier must organize and gain meaning from what is heard. The soldier must identify or infer the main ideas or major points.

Spontaneous oral information, that other than controlled speech, involves more inferences, more integration and more reasoning. The soldier must deduce actions, attitudes and opinions and finally the meaning of what is being conveyed.

Because the types of listening are so vast and the presentations of oral language are so varied, exactly how a non-native student has to listen cannot be specified. You can test listening comprehension but not the actual listening required. Usually a bilingual person will think in his or her language. This supposes that some bilingual persons may translate the heard language into their language to understand and learn.

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

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

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

Listening can be broken into two main types in 11C. In listening to learn, information is presented spontaneously or constrained. In listening to respond, information is usually presented spontaneously.

Analysis of 11C did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

Listening to learn as indicated refers to specific data related to the MOS. Listening in this case being critical listening. The soldier must isolate, conceptualize, and retain that oral communication that is pertinent to successful task completion.

B. CONDITIONS

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

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

C. STANDARDS

The standard for our purpose is 100%. The 100% standard for understanding or speaking cannot be tested as can one saying the soldier will disassemble a .45 caliber pistol in 8 minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

CONCLUSION:

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

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

Mastery of these Job Language Performance Requirements will remove language as a deterrent both in the performance of a soldier's duties in 11C and also in the pursuance of a successful career in the United States Army.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Specific Job Language Performance Requirements were identified in the process described in Sections I, II, III, and IV.
The following section contains the Job Language Performance Requirements for each cluster. To facilitate cross-referencing the task clusters, and percentage of language skills, follow the Job Language Performance Requirements for each cluster.

FIRST AID

I PERCENTAGE LANGUAGE SKILLS

Listening	76%
Speaking	26%
Reading	12½%
Writing	18%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

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 5and 6)
STANDARDS: 100% understanding of oral utterances

TASK: Produce oral utterances to explain
CONDITIONS: Given a simple medical scenario requiring an oral interpretation in any training situation (appendix 4) using standard and non-standard structural and lexical items (appendices 5 and6)
STANDARDS: 100% understanding of oral utterances

TASK: Listen to learn
CONDITIONS: Given oral instructions in any teaching situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5and 6)
STANDARDS: 100% understanding of oral communication

TASK: Read for information
CONDITIONS: Given printed MOS materials in the form of pictures with captions, procedures, tables and explanations
STANDARDS: 100% understanding of printed content

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (appendix 4) and with standard and non-standard structural and lexical items (appendices 5and 6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

081-831-1004	Perform mouth-to-mouth resuscitation and external heart massage.
081-831-1005	Stop bleeding (arm and leg).
081-831-1006	Identify signs of and treat for shock.
081-831-1007	Splint a fracture
081-831-1008	Apply first aid measures for burns.
081-831-1010	Apply first aid for sun or heat injuries.
081-831-1011	Apply first aid for wet or cold injuries.

NUCLEAR, BIOLOGICAL, AND CHEMICAL

I PERCENTAGE LANGUAGE SKILLS

Listening	68%
Speaking	26%
Reading	17%
Writing	21½%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, captioned pictures and notations defined as explanations
STANDARDS: 100% understanding of printed material

TASK: Listen to perform
CONDITIONS: Given oral warnings regarding simulated NBC situations (scenarios) in any training situation (appendix 4)
STANDARDS: 100% understanding of oral utterances

TASK: Write to record
CONDITIONS: Given a requirement to make a written report
STANDARDS: 100% legible written content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4), using standard and non-standard lexical and structural items (appendices 5and 6)
STANDARDS: 100% understanding of oral communication

TASKS: Produce oral utterances to inform and respond
CONDITIONS: Given NBC situations reouiring oral alarms
STANDARDS: 100% understandable oral utterances

III TASK NUMBERS AND TITLE

092-503-1001	Perform operator's maintenance on an M17 series protective mask.
092-503-1010	Exchange filters on an M17 series protective mask.
092-503-1002	Put on and wear a protective mask.
092-503-1015	Put on and wear protective clothing.
092-503-1007	Decontaminate self.
092-503-1008	Decontaminate individual equipment.
092-503-1014	Identify a chemical agent using ABC-M8 detector paper.
092-503-1006	Demonstrate visual, vocal, and sound alarms for a NBC attack.
092-503-1009	Satisfy personal needs in a chemical environment.
092-503-1005	Protect self against a nuclear hazard.
081-831-1012	Administer antidote to a nerve-agent casualty.
081-831-1017	Administer antidote to blood-agent casualty.
081-831-1009	Apply artificial respiration to a chemical-agent casualty.
092-503-1004	Recognize and protect self against a chemical biological (CB) hazard.
092-503-2002	Decontaminate equipment using an ABC-M11 decontamination apparatus.
092-503-2007	Ignite smoke pots.
092-503-2001	Read and report radiation dosages.

INDIVIDUAL FITNESS

I PERCENTAGE LANGUAGE SKILLS

Listening	57½%
Speaking	12½%
Reading	12½%
Writing	25%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

TASK: Listen to oral language to learn
CONDITIONS: Given instructions
STANDARDS: 100% understanding of oral language

III TASK NUMBERS AND TITLE

071-327-0201 Maintain an appropriate level of physical fitness (male only).

CAMOUFLAGE, COVER, AND CONCEALMENT

I PERCENTAGE LANGUAGE SKILLS

Listening	84%
Speaking	33%
Reading	16%
Writing	20%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in the form of a lecture, in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

TASK: Read for information
CONDITIONS: Given printed MOS training materials, in the form of instructions, charts, pictures with captions, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Produce oral utterances to inform
CONDITIONS: Given equipment to make a verbal report in any training situation (appendix 4), using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understandable oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (appendix 4) and with standard and non-standard structural and lexical items (appendices (5 and 6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

051-202-1001	Camouflage/conceal self and individual equipment.
051-202-1002	Camouflage/conceal equipment.
051-202-1003	Camouflage/conceal defensive positions.
051-331-0852	Clear fields of fire.

BASIC INDIVIDUAL TECHNIQUES

I PERCENTAGE LANGUAGE SKILLS

Listening	54%
Speaking	27%
Reading	14%
Writing	20%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Produce oral utterances to interact
CONDITIONS: Given a situation requiring radio communications
STANDARDS: 100% understandable oral utterances

TASK: Produce oral utterances via radio sets
CONDITIONS: Given a situation requiring communication and a radio
STANDARDS: 100% understandable utterances

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

TASK: Read for information
CONDITIONS: Given MOS training materials in the form of definitions, pictures with captions, references and descriptions
STANDARDS: 100% understanding of printed content

TASK: Produce oral responses and spontaneous utterances to elicit responses
CONDITIONS: Given a team situation
STANDARDS: 100% understanding of oral content

III TASK NUMBERS AND TITLE

071-321-0505	Move as a member of a dismounted mortar squad (81-mm mortar).
071-326-0502	Move under direct fire.
071-326-0510	React to indirect fire.
071-326-0511	React to flares.
071-326-0503	Move over, through, or around obstacles.

071-326-0512	Estimate range.
071-326-0513	Select temporary battlefield positions.
071-326-5703	Construct individual fighting position.
071-326-0600	Use visual signals to control movement (dismounted).
071-326-0514	Construct a mortar position (81-mm, 107-mm (4.2 in).
071-326-5704	Supervise/evaluate construction of a fighting position.

SECURITY AND INTELLIGNECE

I PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	29%
Reading	12%
Writing	19%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

TASK: Produce spontaneous oral utterances to interact
CONDITIONS: Given the requirement to orally respond to challenges, passwords, andsecurity situations
STANDARDS: 100% understandable oral communication

TASK: Listen to learn
CONDITIONS: Given oral instructions in training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5and 6)
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) and with standard and non-standard structural and lexical items (appendicea 5 and 6)
STANDARDS: 100% understandable oral responses

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and make written reports
STANDARDS: 100% legible written content

III TASK NUMBERS AND TITLE

071-33-0801 Use challenge and password.

071-331-0802	Process known or suspected enemy personnel.
071-331-0803	Collect/report information-SALUTE.
071-331-0804	Conduct day and night surveillance without the aid of electronic devices.
071-331-0805	Engage enemy armor weak points.
071-331-0806	Identify opposing force (OPFOR) armored vehicles.
071-331-0808	Identify opposing force (OPFOR) weapons and equipment.
071-331-0807	Enforce noise, light, and litter discipline.
071-331-0809	Emplace and recover field expedient warning devices.
071-331-0810	Emplace/recover pyrotechnic early warning devices.
071-331-0811	Emplace/recover electronic anti-intrusion devices.

MAP READING
(LAND NAVIGATION)

I PERCENTAGE LANGUAGE SKILLS

Listening	78%
Speaking	30%
Reading	30%
Writing	47%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS training material in the form of marked maps, definitions, pictures with explanations, instructions and procedures
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions, in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

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

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to make a verbal report in any training situation, (appendix 4), using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understandable oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (appendix 4) and with standard and non-standard structural and lexical items (appendices 5 and 6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

071-329-1001	Identify terrain features (natural and man-made) on the map.
071-329-1002	Determine the grid coordinates of a point on a military map using the military grid reference system.
071-329-1010	Determine azimuths using a coordinate scale and protractor.

071-329-1009	Convert azimuths (magnetic or grid).
071-329-1003	Determine a magnetic azimuth using a compass.
071-329-1018	Determine direction using field expedient methods.
071-329-1016	Determine an azimuth using an M2 compass.
071-329-1006	Navigate from one position on the ground to another point.
071-329-1007	Determine distance while moving between two points on the ground.
071-329-1008	Measure distance on a map.
071-329-1004	Determine the elevation of a point on the ground using a map.
071-329-1011	Orient a map using a compass.
071-329-1005	Determine a location on the ground by terrain.
071-329-1012	Orient a map to the ground by map-terrain association.

M16A1 RIFLE

I PERCENTAGE LANGUAGE SKILLS

Listening	82%
Speaking	31%
Reading	22%
Writing	27%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

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: Write to record
CONDITIONS: Given a requirement to make a written report
STANDARDS: 100% legible written content

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to make verbal reports in any training situation (appendix 4) using standard and non-standard structural and lexical items (appendices 5 and 6)
STANDARDS: 100% understandable oral utterances

TASK: Listen to learn
CONDITIONS: Given oral instructions in any teaching situation (appendix 4), using standard and non-standard lexical and structural items (appendices 5 and 6)
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 (appendix4) and with standard and non-standard structural and lexical items (appendices 5 and6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

071-311-2001	Perform operator maintenance on an M16A1 rifle, magazine, and ammunition.
071-311-2003	Load, reduce a stoppage, and clear an M16A1 rifle.
071-311-2004	Battlesight zero an M16A1 rifle.
071-311-2007	Qualify with the M16A1 rifle.
071-311-2006	Use limited visibility firing techniques with the M16A1 rifle.

M203 GRENADE LAUNCHER

I PERCENTAGE LANGUAGE SKILLS

Listening	69.5%
Speaking	22.5%
Reading	12.5%
Writing	20%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of warnings, procedures, definitions, captioned pictures and references
STANDARDS: 100% understanding of printed content

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 and6)
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 lexical and structural items (appendix 5 and 6)
STANDARDS: 100% understandable communication

TASK: Write to record
CONDITIONS: Given a requirement to produce a written report
STANDARDS: 100% legible written content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
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 lexical and structural items (appendices 5 and6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

071-311-2101	Perform operator maintenance on M203 grenade launcher and ammunition.
071-311-2102	Load, unload , and clear the M203 grenade launcher.
071-311-2103	Zero an M203 grenade launcher.
071-311-2104	Engage targets with an M203 grenade launcher and apply immediate action to reduce a stoppage.
071-311-2105	Use limited visibility firing technique with the M203 grenade launcher.

LIGHT ANTITANK WEAPON (LAW)

I PERCENTAGE LANGUAGE SKILLS

Listening	83%
Speaking	29%
Reading	18%
Writing	25%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS training material in the for... procedures, descriptions, tables and SOP'S
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to produce a written report
STANDARDS: 100% legible written content

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to give a verbal report in a... training situation (appendix 4) using standard non-standard lexical and structural items (app... 5 and 6)
STANDARDS: 100% understandable oral utterances

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situat... (appendix 4) using standard and non-standard str... tural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-318-2201	Prepare an M72A2 LAW for firing; restore M7... LAW to carrying configuration.
071-318-2202	Engage targets with an M72A2 LAW.
071-318-2203	Apply immediate action to correct a malfun... on anM72A2 LAW.

CALIBER .45 PISTOL

I PERCENTAGE LANGUAGE SKILLS

Listening	82%
Speaking	25%
Reading	17%
Writing	25%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed training materials, pictures with captions procedures and references
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions in the form of a lecture, in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

191-376-0105	Maintain a caliber .45 pistol.
191-376-0104	Engage targets with a caliber .45 pistol.

.50 CALIBER MACHINEGUN (MECHANIZED UNITS ONLY)

I PERCENTAGE LANGUAGE SKILLS

Listening	83%
Speaking	18%
Reading	19%
Writing	28%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Produce oral utterances to inform
CONDITIONS Given a requirement to give a verbal report in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understandable oral utterances

TASK: Write to record
CONDITIONS: Given a requirement to complete a range card
STANDARDS: 100% legible written content

TASK: Read for information
CONDITIONS: Given MOS training materials, pictures with captions, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions in the form of a lecture in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understandable oral responses

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (appendix 4),and with standard and non-standard structural and lexical items (appendices 5 and 6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

071-313-3451	Perform operator maintenance on a caliber .50 M2 HB machinegun and ammunition.
071-313-3452	Target/zero a caliber .50 machinegun.
071-313-3453	Load, reduce a stoppage, unload, and clear a caliber .50 machinegun.

071-313-3454 Engage targets with a caliber .50 machinegun.
071-313-3455 Set headspace and timing on a caliber .50 machinegun.

HAND GRENADES

I PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	27%
Reading	10%
Writing	18%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of warnings, procedures, definitions, captioned pictures and references
STANDARDS: 100% understanding of printed content

TASK: Listen for information
CONDITIONS: Given oral instructions to perform task specific assignments in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
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 lexical and structural items (appendices 5 &6)
STANDARDS: 100% understandable oral utterances

TASK: Write to record
CONDITIONS: Given a requirement to produce a written report
STANDARDS: 100% legible written content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
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) and with standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understandable oral response

III TASK NUMBERS AND TITLE

071-325-4401	Perform safety checks on hand grenades.
071-325-4402	Engage targets with hand grenades.
071-325-4405	Identify and employ hand grenades.

MINES

I PERCENTAGE LANGUAGE SKILLS

Listening	69%
Speaking	23%
Reading	12.5%
Writing	19%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Write to inform
CONDITIONS: Given a requirement to mark mine fields
STANDARDS: 100% legible written communication

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to make a verbal report in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

051-192-1502	Install and fire/recover a M18A1 claymore mine.
051-192-1021	Locate mines by visual means.
051-192-1022	Locate mines by probing.
051-192-1501	Neutralize enemy mines.

DEMOLITIONS

I PERCENTAGE LANGUAGE SKILLS

Listening	69.6%
Speaking	26.3%
Reading	27.7%
Writing	9.4%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS training materials, pictures with captions, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

051-193-1503	Construct a nonelectric (initiation) detonating assembly.
051-193-1003	Prime a demolition block nonelectrically.
051-193-1004	Construct an electric (initiation) detonating assembly.
051-193-1005	Prime demolition block electrically.
051-193-1006	Connect electrical firing circuits.
051-193-1502	Clear demolition misfires (above ground).

FORWARD OBSERVER PROCEDURES

I PERCENTAGE LANGUAGE SKILLS

Listening	57%
Speaking	27%
Reading	38%
Writing	39%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of procedures, information, tables, tags, pictures with captions, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

061-283-6002	Locate a target by shift from a known point.
061-283-6003	Call for/adjust indirect fire.
061-283-6004	Locate a target by polar plot.
071-329-1021	Determine an enemy location using grid coordinates.

M16 PLOTTING BOARD

I PERCENTAGE LANGUAGE SKILLS

Listening	77%
Speaking	42%
Reading	42%
Writing	48%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of procedures, information, tables, charts, graphs, references and training manuals
STANDARDS: 100% understanding of written content

TASK: Write to record .
CONDITIONS: Given charts and forms
STANDARDS: 100% legible written communication

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLES

071-321-1601	Prepare M16 plotting board for operation as an observed chart and determine initial firing data for mortars (pivot point).
071-321-1602	Process subsequent FO corrections using M16 plotting board (pivot point).

COMMUNICATIONS

I PERCENTAGE LANGUAGE SKILLS

Listening	69.6%
Speaking	27.7%
Reading	26.3%
Writing	19.4%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn
CONDITIONS: Given printed MOS training material in the form of instructions, pictures with explanations and sample messages using prowords
STANDARDS: 100% understanding of printed content

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 lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understandable oral utterances

TASK: Listen to perform
CONDITIONS: Given oral instructions and a brief oral message including prowords in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation(appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situaion (appendix 4) using standard and non-standad lexical and structural items (5 and 6)
STANDARDS: 100% understandable oral responses

III TASK NUMBERS AND TITLE

113-600-3001	Perform operator preventive maintenance on telephone set (TA-312/PT or TA-1/PT).
113-600-1001	Install telephone set (TA-312/PT or TA-1/PT).

113-587-3005	Perform operator maintenance on radio sets; AN/PRC-77 or AN/VRC-64.
113-587-2001	Operate radio set AN/PRC-77 or AN/PRC-25.
113-587-2002	Prepare radio set AN/VRC-64 for operation.
113-587-3004	Perform operator maintenance on radio set AN/VRC-46 or AN/VRC-47
113-587-2020	Prepare tactical FM radios (AN/VRC-46 or AN/VRC-47) for operation.
113-573-8001	Use an automated CEOI
113-571-2001	Use KAL-61B 1400 numerical code to authenticate transmissions and encrypt/decrypt numbers and grid zone letters.
113-571-2002	Encode and decode messages using a KTC-600 tactical operations code.
113-571-1003	Establish and enter or leave a radio net.
113-571-1001	Transmit and receive a radio message.
113-594-2005	Prepare/operate switchboard SB-993 (81-mm mortar only).
113-594-2004	Prepare manual telephone switchboard SB-22/PT or SB-22A/PT for operation (107-mm mortar only).

WHEELED VEHICLE DRIVER (MORTAR, GROUND MOUNTED)

I PERCENTAGE LANGUAGE SKILLS

Listening	69.6%
Speaking	26.3%
Reading	27.7%
Writing	19.4%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of labels, signs, procedures and definitions
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given DA form 2402 and vehicle logbook
STANDARDS: 100% legible written communication

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-333-6001	Drive a wheeled vehicle cross-country.
071-333-6002	Drive a wheeled vehicle on roads, in vehicle parks, and in built-up areas.
071-333-6003	Drive a wheeled vehicle using blackout drive.
071-333-6004	Start a wheeled vehicle engine using auxiliary power (M151, M715, and M561).
071-333-6007	Perform operator maintenance on a wheeled vehicle.
071-333-6008	Recover a wheeled vehicle.

TRACKED VEHICLE DRIVER (MORTAR, CARRIER MOUNTED)

I PERCENTAGE LANGUAGE SKILLS

Listening	61%
Speaking	19%
Reading	17%
Writing	30%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Write to record
CONDITIONS: Given a logbook and DA form 2402
STANDARDS: 100% legible written communication

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

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-333-6501	Drive an APC cross-country.
071-333-6502	Drive an APC on roads, in vechile parks, and in built-up areas.
071-333-6503	Drive an APC with night devices, infrared equipment, and blackout drive.
071-333-6504	Operate an APC in water.
071-333-6506	Perform a tracked-vehicle ESC (equipment serviceability criteria) inspection.
071-333-6507	Maintain required TAMMS records on a tracked vehicle.
071-333-6508	Perform operator maintenance on an APC.
071-333-6509	Recover a tracked vehicle using field expedients.
071-333-6510	Maintain auxiliary generator on M577 tracked vehicle.
071-333-6511	Install/operate auxiliary generator on M577 tracked vehicle.

MORTAR (GENERAL)

I PERCENTAGE LANGUAGE SKILLS

Listening	73%
Speaking	22%
Reading	20%
Writing	25%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of procedures, information, tables, pictures with captions, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-321-4002	Boresight mortar for elevation using the M2 compass.
071-321-4007	Lay mortar for direction using M2 compass (carrier-mounted).
071-321-4008	Supervise squad during the occupation of the firing position.
071-321-4006	Orient M2 aiming circle and lay mortars for direction.
071-321-4001	Boresight mortar for deflection using the M2 aiming circle.
071-321-4009	Lay mortar for direction using M2 compass (ground-mounted).

FIRE WITHOUT AN FDC

I PERCENTAGE LANGUAGE SKILLS

Listening	92%
Speaking	25%
Reading	25%
Writing	31%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, and diagrams
STANDARDS: 100% understanding of printed content

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-321-4050	Engage a target using fire without an FDC (direct lay and direct alinement).
071-321-4051	Adjust fire without an FDC, using direct alinement.
071-321-4052	Lay mortar for direction using direct alinement method (fire without FDC).

LEADERSHIP

I PERCENTAGE LANGUAGE SKILLS

Listening	64%
Speaking	28%
Reading	27%
Writing	32.5%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Produce oral utterances to interact
CONDITIONS: Given situations requiring inspections, supervision and counseling in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and6)
STANDARDS: 100% understandable oral communication

TASK: Write to inform and record
CONDITIONS: Given deficiencies, DA form 2166 and assignments
STANDARDS: 100% legible written communication

TASK: Listen to spontaneous oral language
CONDITIONS: Given a class group in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-328-5301	Inspect personnel/equipment.
071-328-5302	Supervise maintenance on individual and TOE equipment.
071-328-5304	Enforce preventive medicine program (includes personal hygiene).
071-030-2501	Prepare the rater's section of an Enlisted Evaluation Report (EER).
874-896-2001	Conduct a performance-oriented training session.

81-MM MORTAR SQUAD LEADER (GROUND-MOUNTED)

I PERCENTAGE LANGUAGE SKILLS

Listening	73%
Speaking	33%
Reading	15%
Writing	19%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of guides FM 23-90, pictures with captions, outlines, procedures, signs and explanations
STANDARDS: 100% understanding of written content

TASK: Listen to oral information to learn
CONDITIONS: Given commands, oral or written, and described symptoms in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral content

III TASK NUMBERS AND TITLE

071-321-3901	Place a ground-mounted 81-mm mortar into action.
071-321-3902	Boresight 81-mm mortar.
071-321-3903	Perform safety checks on 81-mm mortar (ground or carrier-mounted).
071-321-3904	Lay mortar for deflection and elevation (D & E) (ground/carrier-mounted).
071-321-3905	Prepare 81-mm mortar ammunition for firing.
071-321-3906	Perform operator maintenance on 81-mm mortar and associated fire control equipment.
071-321-3907	Remove a misfire from the 81-mm mortar (ground-mounted)
071-321-3909	Refer sight and realine aiming posts.
071-321-3910	Reciprocally lay mortar using M2 aiming circle and place out aiming posts.
071-321-3911	Manipulate mortar for traversing and searching fires.
071-321-4053	Fire a ladder mission using fire without an FDC (direct alinement).
071-321-4054	Fire a traversing mission using fire without an FDC.
071-321-4055	Engage a deep target using searching fire without an FDC.

81-MM MORTAR SQUAD LEADER (CARRIER-MOUNTED)

I PERCENTAGE LANGUAGE SKILLS

Listening	69%
Speaking	32%
Reading	21%
Writing	23%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn
CONDITIONS: Given MOS printed materials in the form of procedures, warnings, prose, charts,tables, references and instructions
STANDARDS: 100% understanding of printed content

TASK: Listen to oral language to learn
CONDITIONS: Given information in the form of requirements and instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances in order to respond and inform
CONDITIONS: Given enemy positions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understandable oral communications

III TASK NUMBERS AND TITLE

071-321-3912	Place a carrier-mounted 81-mm mortar into action.
071-321-3917	Remove a misfire from the 81-mm mortar (carrier-mounted).
071-321-3902	Boresight 81-mm mortar.
071-321-3903	Perform safety checks on 81-mm mortar (ground or carrier-mounted).
071-321-3904	Lay mortar for deflection and elevation (D & E) (ground/carrier-mounted).
071-321-3905	Prepare 81-mm mortar ammunition for firing.
071-321-3906	Perform operator maintenance on 81-mm mortar and associated fire control equipment.
071-321-3909	Refer sight and realine aiming posts.
071-321-3910	Reciprocally lay mortar using M2 aiming circle and place out aiming posts.
071-321-3911	Manipulate mortar for traversing and searching fires.

107-MM (4.2-IN) MORTAR SQUAD LEADER (GROUND-MOUNTED)

I PERCENTAGE LANGUAGE SKILLS

Listening	58%
Speaking	39%
Reading	17%
Writing	25.5%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn
CONDITIONS: Given MOS printed material in the form of procedures, warnings, information, charts, tables and references
STANDARDS: 100% understandable printed content

TASK: Listen for information
CONDITIONS: Given task specific assignments in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral information

III TASK NUMBERS AND TITLE

071-322-4201	Ground mount 107-mm (4.2-in) mortar.
071-322-4202	Boresight 107-mm (4.2-in) mortar.
071-322-4203	Perform safety checks on 107-mm (4.2-in) mortar (ground/carrier-mounted).
071-322-4204	Lay mortar for deflection and elevation (D & E) (ground/carrier-mounted).
071-322-4205	Prepare 107-mm (4.2-in) mortar ammunition for firing.
071-322-4206	Perform operator maintenance on 107-mm (4.2-in) mortar and equipment.
071-322-4207	Remove a misfire from the 107-mm (4.2-in) mortar (ground-mounted).
071-322-4209	Reciprocally lay mortar using M2 aiming circle and place out aiming posts.
071-322-4210	Manipulate mortar for traversing fire (ground or carrier-mounted).

107-MM (4.2-IN) MORTAR SQUAD LEADER (CARRIER-MOUNTED)

I PERCENTAGE LANGUAGE SKILLS

Listening	52%
Speaking	35%
Reading	15%
Writing	24%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of procedures, warnings, information, pictures and references
STANDARDS: 100% understandable printed content

TASK: Listen to oral language to learn
CONDITIONS: Given inforrmation in the form of requirements and instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-322-4212	Place carrier-mounted 107-mm mortar into action.
071-322-4216	Remove a misfire from the 107-mm mortar (carrier-mounted).
071-322-4202	Boresight 107-mm (4.2-in) mortar.
071-322-4203	Perform safety checks on 107-mm (4.2-in) mortar (ground and carrier-mounted).
071-322-4204	Lay mortar for deflection and elevation (D & E) (ground/carrier-mounted).
071-322-4205	Prepare 107-mm (4.2-in) mortar ammunition for firing.
071-322-4206	Perform operator maintenance on 107-mm (4.2-in) mortar and equipment.
071-322-4208	Refer sight and realine aiming posts.
071-322-4209	Reciprocally lay mortar using M2 aiming circle and place out aiming posts.
071-322-4210	Manipulate mortar for traversing fire (ground-mounted).

81 MORTAR COMPUTER

I. PERCENTAGE LANGUAGE SKILLS

Listening	51%
Speaking	31%
Reading	25%
Writing	2[illegible].5%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of procedures, information, tables, charts, graphs, references and training manuals
STANDARDS: 100% understanding of written content

TASK: Write to record and report
CONDITIONS: Given charts and forms
STANDARDS: 100% legible written communication

TASK: Listen to oral language to learn
CONDITIONS: Given information in the form of requirements and instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-321-1601	Prepare the M16 plotting board for operation as an observed chart and determine initial firing data for mortars (pivot point).
071-321-1602	Process subsequent FO corrections using M16 plotting board (pivot point).
071-321-1603	Prepare M16 plotting board for operation as an observed chart (below pivot point) and modified observed chart.
071-321-1604	Process subsequent FO corrections using M16 plotting board as a modified observed chart.
071-321-1605	Determine data for sheaf adjustments.
071-321-1606	Determine data from re-registration and application of corrections.
071-321-1607	Record information on firing data sheet (81-mm).
071-321-1620	Determine firing corrections.
071-321-1621	Record meteorological (MET) data using MET data sheet (81-mm mortar).
071-321-1622	Determine and apply MET firing corrections (81-mm mortar).

107-MM (4.2-IN) MORTAR COMPUTER

I PERCENTAGE LANGUAGE SKILLS

Listening	69.6%
Speaking	27.7%
Reading	26.3%
Writing	19.4%

II JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given MOS printed training materials in the form of procedures, information, tables, charts, graphs, references and training manuals
STANDARDS: 100% understanding of written content

TASK: Write to record and report
CONDITIONS: Given charts and forms
STANDARDS: 100% legible written communication

TASK: Listen to oral language to learn
CONDITIONS: Given information in the form of requirements and instructions in any training situation (appendix 4) using standard and non-standard lexical and structural items (appendices 5 and 6)
STANDARDS: 100% understanding of oral communication

III TASK NUMBERS AND TITLE

071-322-1608	Prepare a firing chart for operation and determine initial firing data.
071-322-1609	Process subsequent FO corrections using firing chart.
071-322-1610	Determine data for sheaf adjustment.
071-322-1611	Determine data from re-registration and application of corrections to FDC equipment.
071-322-1612	Record information on firing data sheet (107-mm (4.2-in)).
071-322-1613	Record meteorological (MET) data using MET data sheet (107-mm mortar).
071-322-1615	Determine and apply MET firing corrections.
071-322-1616	Apply registration corrections to the fire control equipment for the 107-mm mortar.
071-322-1617	Determine data for 107-mm (4.2-in) mortar using the M16 plotting board and GFS.

After clustering and tallying the Prioritization Check Lists in 11C it was found that additional data was required in order to compile the Percentage Language Skills in the following clusters; Demolition, Communication, Wheeled Vehicle, and 107 MM (4.2 in) Mortar.

A call was placed to the SME at Fort Benning, Ga. He was asked to rank the four skills, listening, speaking, reading and writing, in order of importance, one being the highest and four being the lowest.

Then the Percentage Language Skills of the previous calculated clusters were totaled and averaged. The following was the percentage of each skill. Each skill was assigned a number one being the highest and four being the lowest.

AVERAGE	NUMBER
69.6%	1
27.7%	2
26.3%	3
19.4%	4

The number from the SME and the previously assigned numbers were then matched and the results percentage was then recorded on the Percentage Language Skill Sheet.

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (JLPR s) (Entire MOS)

INTRODUCTION

The product of the entire data gathering and organization is the JLPR s. These are relevant to all common and duty tasks in 11C

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

READING

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

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

STANDARDS: 100% understanding of printed content.

*The following are specific conditions found in this language task:
*Captions with illustrations.

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

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

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

STANDARDS: 100% understanding of written content.

*The following are specific conditions found in this language task:
*Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffixes
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

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

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

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

*The following are specific conditions found in this language task:
*Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

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

CONDITIONS: Given standardized forms or paper and oral communication.

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

*The following are specific conditions found in this language task:
*Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, (Appendix 4), formal or informal registers, casual or colloquial speech, military jargon, slang or dialectial speech in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language task.

* The following are specific conditions found in this language task:
* Warnings
  Described situations
  Directions
  Lectures
  Scenarios
  Commands, Orders
  Sound tracks (films, tapes)
  Standard/Non-standard English
  Instructions
  SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit response.

CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

* The following are specific conditions found in this language task:
* Shouting
  Radio communications
  Messages
  Coded messages
  Clear text
  Spellings
  Conversation
  Requests

SPEAKING

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

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

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

* The following are specific conditions found in the language task:
* Explanations
  Statements
  Repetitions
  Counting
  Corrections
  Assignments
  Notifications
  Oral reports
  Answers
  Clarifications
  Information

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

CONDITIONS: Given a communitive situation (Appendices 4, 5, & 6, 11C (Soldier's Manual) in any training situation.

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

* The following are specific conditions found in this language task:
* Requesting information
  Requesting permission
  Transmitting messages
  Callsigns
  Vocal signals
  Shout warnings
  Radio communications
  Messages
  Phonetic messages
  Target locations
  Directions (N,S,E,W)
  Directions, general
  Requests for fire
  Report on the results of fire
  Challenges/Passwords
  Training sessions
  Interaction

APPENDICES

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

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

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

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

They were not useful because th
not address difficulties as i
with a native v/s a non-native -
responses to these variables addre
the entire population, native spe
and non-natives.

ESENTLY WORKING IN)

S IN WHICH YOU WERE TRAINED:_____
SITION:_____
IT:_____

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

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

75

▲ 1-2-11C

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

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

DATA OBTAINED FROM: FT. BENNING GEORGIA TRAINING SPECIALIST: Hartsfield Chandler, Ke.

TASK NUMBER	081-831-1004	081-831-1005	081-831-1006	081-831-1007	081-831-1008	081-831-1010	092-503-1001
DATA	AT = 4.2 2.5-.50-1.1+1	AT = 5.1	AT = 5.1	AT = 5.1	AT = 5.1	AT = 5.1	AT = 4.1 2.6-1.3-1.3-1.2
writing	1	1	1	1	1	1	1
reading	2	2	2	2	3	3	2
speaking	1	1	1	1	1	1	2
listening	3	3	3	3	3	3	3
written	✓			✓	✓		✓
oral							
performance	✓	✓	✓	✓	✓	✓	
self-paced							
hands-on	✓	✓	✓	✓	✓	✓	✓
demonstration	✓	✓	✓	✓	✓	✓	✓
lecture	✓	✓	✓	✓	✓	✓	✓
person or equipment	5	5	5	5	5	5	5
importance	5	5	5	5	5	5	5
difficult?	-	-	-	-	-	-	-
tested?	2	2	2	2	2	2	2

MOS: 11C NUMBER OF RESPONSES: 3

DATA OBTAINED FROM: FT. BENNING TRAINING SPECIALIST: Boutin Chandler

TASK NUMBER	081-831-1004	081-831-1005	081-831-1006	081-831-1007	081-831-1008	081-831-1010	092-503-1001
DATA	soldiers P.O.I. MILPERCEN Regs: 9.2-3 cards	P-1.7-36-4.7 1.					1-1.3-39 4.5
writing	5	5	5	5	5	5	5
reading	4	4	4	4	4	5	5
speaking	3	3	3	3	3	3	3
listening	1	1	1	1	1	1	1
written							
oral							
performance	✓	✓	✓	✓	✓	✓	✓
self-paced							
hands-on	✓	✓	✓	✓	✓		✓
demonstration	✓	✓	✓	✓	✓		✓
lecture	✓	✓	✓	✓	✓	✓	✓
person or equipment	5	5	5	5	5	5	5
importance	5	5	5	5	5	5	5
difficult?	-	-	-	-	-	-	-
tested?	2	2	2	2	2	2	2

CONFLICT DATA	AT_a = 5.1	AT_a = 6.0	AT_a = 7.2	AT_a = 6.1	AT_a = 6.1	AT_a = 6.1	AT_a = 4.2
writing	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2
reading	1 1 2 3	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2
speaking	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2	1 1 2 2
listening	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3
written	1				1		
oral							
performance	1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
self-paced	1	1					
hands-on	1 1 1	1 1 1	1 1	1 1 1	1 1 1	1 1 1	1 1
demonstration	1 1 1	1 1 1	1 1	1 1 1	1 1 1	1 1 1	1 1
lecture	1 1 1	1 1 1	1 1	1 1 1	1 1 1	1 1 1	1 1
danger to person or equipment	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 5 5 5
importance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
difficult?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
tested?	2 0 2 5 0	2 2 2 2 2	2 2 2 2 0	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	1 0 2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

DATA	soldiers P.O.I. MILPERCEN Regs:							
	writing	2 5 5	2 5 5	1 3 5 5	1 2 5 5	1 2 5 5	1 2 5 4	1 1 3 3
	reading	2 3	2 3 3 5	1 3 3	1 3 3	1 3 1	1 1 4 5	1 1
	speaking	1 1	2 3	1 3	1 3	1 3 1	1 3 4	1 1
	listening	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	written							
	oral							
	performance	1 1 1	1 1	1 1	1 1 1	1 1	1 1 1	1 1
	self-paced							
	hands-on	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1 1	1 1	1 1 1	1 1
	lecture	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	danger to person/ equipment	5 5 5	5 5 5	1 5 5	5 5 5	5 5	5 5 5	1 5
	importance	5 5	5 5 5	1 5 5	5 5 5	5 5	3 5 5	1 5
	difficult?	0 5	0 5 5	1 5 5	5 5 5	5 5	5 5 5	1 5
	tested?	1 1 1	1 1 1	1 1 0	1 1 1	1 1	1 1 1	1 1
	taught?	1 1 1	1 1 1	1 1 1	1 1 1	1 1	1 1 1	1 1
	TASK #	092-503-1010	092-503-1002	092-503-1015	092-503-1007	092-503-1008	092-503-1006	092-503-1009

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	CODIFIED DATA	$AT_2 = 4.2$	$AT_2 = 2.1$	$AT_2 = 6.1$	$AT_2 = 6.1$	$AT_2 = 4.2$	$AT_2 = 4.2$	$AT_2 = 4.2$	14
	writing								
	reading								
	speaking								
	listening								
	written								
	oral								
	performance								
	self-paced								
	hands-on								
	demonstration								
	lecture								
	person or equipment								
	importance								
	difficult?								
	tested?								
	soldiers P.O.I. MILPERCEN Regs:								
	writing								
	reading								
	speaking								
	listening								
	written								
	oral								
	performance								
	self-paced								
	hands-on								
	demonstrat								
	lecture								
	person/ equipment								
	importance								
TASK #		692-503-1005	081-831-1012	081-831-1017	081-831-1009	081-831-1011	732-503-1004	732-503-2002	

TASK #	092-503-2001	092-503 2007	071-329-0201	051-202-1001	051-202-1002	051-202-1003	071-331 0852
COMPILED DATA	$AT_2 = 4.0$	$AT_2 = 3.0$	$AT_2 = 4.2$ 3-1.1-1.5-1.5	$AT_3 = 4.2$ 2.7-1.4-.94-.94	$AT_2 = 4.2$	$AT_2 = 4.1$	$AT_2 = 4.1$
writing							
reading							
speaking							
listening							
TESTING: written							
oral							
performance							
TEACHING: self-paced							
hands-on							
demonstration							
lecture							
danger to person or equipment							
importance							
difficult?							
tested?							

75

MOS: ______________ NUMBER OF RESPONSES: ______________

DATA OBTAINED FROM: ______________ TRAINING SPECIALIST: ______________

DATA: soldiers, P.O.I., MILPERCEN Regs:	092-503-2001	092-503 2007	071-329-0201	051-202-1001	051-202-1002	051-202-1003	071-331 0852
			1-5-.5-.5	1.2-.92-.5			
writing							
reading							
speaking							
listening							
TESTING: written							
oral							
performance							
TEACHING: self-paced							
hands-on							
demonstration							
lecture							
danger to equipment/person							
importance							
difficult?							
tested?							
[illegible]							

	CONFILED DATA	AT_2 = 2.1 2.4-1.2-1.4-1.2	AT_2 = 4.2	AT_2 = 4.1	AT_2 = 4.1	AT_2 = 4.0	AT_2 = 4.1	AT_2 = 3.2
ELS	writing							
	reading							
	speaking							
	listening							
TESTING	written							
	oral							
	performance							
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: _____

DATA								
	soldiers P.O.I. MILPERCEN Regs:	1-25-3,1-5						
ELS	writing							
	reading							
	speaking							
	listening							
TESTING	written							
	oral							
	performance							
TEACHING	self-paced							
	hands-on							
	demonstration							
	lecture							
CRITICALITY	danger to person/ equipment							
	importance							
UNIT	difficult?							
	tested?							
TASK #		071-326 0505	071-326 0502	071-326 0510	071-326 0511	071-326 0503	071-326 0512	071-326

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

TASK DATA	$AT_2 = 4.2$	$AT_2 = 4.2$	$AT_2 = 1.1$	$AT_2 = 4.1$	$AT_2 = 4.2$ 26-1.6-12-1.2	$AT_2 = 4.0$	$AT_2 = 4.1$
writing	1 1 1 2 2 1	1 1 1 2 2 1	1 1 1 2 2 1	1 1 1 2 2 1	1 1 1 3 3 1	1 1 1 2 2 1	1 1 3 3 2 1
reading	1 1 2 2 2 1	1 1 2 2 2 1	1 1 2 2 1 1	1 1 2 2 1 1	1 3 3 2 2 1	1 3 2 2 1 1	1 3 3 2 1 1
speaking 2-3	1 1 2 2 2 1	1 1 2 2 2 1	1 1 2 2 1 1	1 1 2 2 1 1	1 3 3 2 2 1	1 3 2 2 1 1	1 3 3 2 1 1
listening	3 3 2 3 3	3 3 2 3 3	1 1 2 3 3	3 3 2 3 1	3 3 3 3 3	3 3 2 2 1 1	3 3 2 1 1
written	✓	✓	1 1 ✓ 1 1				✓
oral	✓	✓	1 1 1 1 1			✓ 1 1	1 1 1 1 1
performance	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	1 1 ✓ ✓ 1	✓ ✓ ✓ 1	✓ ✓ ✓	✓ 1 1	✓ ✓ 1
self-paced		✓	1 1 1			✓ 1 1	✓ 1 1
hands-on	✓ ✓ ✓	✓ ✓ ✓	1 1 ✓ 1 1	✓ ✓ ✓ 1	✓ ✓ ✓	✓ 1 1	✓ ✓ 1
demonstration	✓ ✓ ✓	✓ ✓ ✓	1 1 ✓ 1 1	✓ ✓ ✓ 1	✓ ✓ ✓	✓ 1 1	✓ ✓ 1
lecture	✓ ✓ ✓	✓ ✓ ✓	1 1 ✓ 1 1	✓ ✓ 1 1	✓ ✓ ✓	✓ 1 1	✓ 1 1
danger to person or equipment	5 5 5 5 5	5 5 5 5 5	1 1 5 5 1	5 5 5 5 1	5 5 5 5 5	5 5 5 1 1	5 5 5 1 1
importance	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
difficult?	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
tested?	2 2 2 2 0	2 2 2 2 0	1 1 2 2 1	2 2 2 2 1	2 2 2 2 0	2 2 2 1 1	2 2 2 1 1

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:					1-17-3.0-44		
writing	5 5 5	5 5 5	1 1	1 5 5	2 5 5 5	1 2 5	1 2 5
reading	2 4 4	2 4 5	1 1	1 5 1	1 5 5 5	1 4 4	1 4 4
speaking 2-3	1 5 3	1 5 3	1 1	1 1	1 3 4	3 4 5	1 4 4
listening	1 1 1	1 1 1	1 1	1 1	1 1	1 1 1	1 1 1
written			1 1	1 1			
oral			1 1	1 1			
performance	✓ ✓	✓ ✓	1 1	✓ 1	✓ ✓	✓ ✓	✓ ✓
self-paced			1 1	1 1			
hands-on	✓ ✓	✓ ✓	1 1	✓ 1	✓ ✓	✓ ✓	✓ ✓
demonstration	✓ ✓	✓ ✓	1 1	✓ 1	✓ ✓	✓ ✓	✓ ✓
lecture	✓ ✓	✓ ✓	1 1	✓ 1	✓ ✓	✓ ✓	✓ ✓
danger to person or equipment	5 5 5	5 5 5	1 1	5 1	5 5 5	5 5 5	5 5 5
importance	5 5 5 0	5 5 5 0	1 1	1 0 1	5 5 5 5	5 5 5 5	5 5 5 5
difficult?	1 0 0 5	5 5 5 5	1 1	5 5	5 5 5	5 0 5	5 5 5
tested?	1 1 1	1 1 1	1 1	1 1	1 1 1	1 1 1	1 1 1
	1 1 1	1 1 1	1 1	1 1	1 1 1	1 1 1	1 1 1
TPSK #	071-326-5703	071-326-5600	071-326-5514	071-326-5704	071-331-5801	071-331-5802	071-331-5803

COMPILED DATA:	$AT_2 = 3.0$	$AT_2 = 3.2$	$AT_2 = 4.1$	$AT_2 = 4.0$	$AT_2 = 3.2$	$AT_2 = 3.1$	$AT_2 = 2.0$
writing	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
reading	1 1 1 1	1 1 2 2	1 1 1 1	1 1 1 1	1 1 1 1	1 2 2 2	1 2 2 1
speaking 2-3	1 3 1 1	1 2 2 2	1 3 1 2	1 3 1 1	1 1 1 1	1 2 2 1	1 2 2 1
listening	3 3 1 1	3 2 3 3	3 3 1 2	3 3 1 1	3 3 1 1	3 2 2 2	3 2 2 1
written	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	1 1 1
oral	✓ 1 1	✓ ✓ 1	✓ 1 1	✓ 1 1	✓ ✓ 1	✓ ✓ 1	✓ 1 1
performance	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1
self-paced	1 ✓ 1	1 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1	✓ 1 1
hands-on	✓ ✓ 1	✓ ✓ ✓	✓ ✓ 1	✓ ✓ 1	✓ ✓ 1	✓ ✓ ✓	✓ ✓ 1
demonstration	✓ ✓ 1	✓ ✓ 1	✓ 1 1	✓ ✓ 1	✓ ✓ 1	✓ ✓ ✓	✓ ✓ 1
lecture	✓ ✓ 1	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ 1	✓ ✓ 1	✓ 1 1
danger to person or equipment	5 5 5 1	5 5 5 .5	5 5 5 .5	5 5 5 1	5 5 5 1	5 5 5 .5	5 5 1
importance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
difficult?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
tested?	2 0 2 1	2 2 2 0	2 2 2 0	2 2 2 1	2 2 2 1	2 2 2 0	1 2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:							
writing	2 5 1 1	2 5 5 5	2 5 5 5	2 5 1 5	2 5 1 1	2 5 1 1	2 5 1 1
reading	2 1 1 1	2 5 4 5	2 1 3 5	2 1 2 5	2 1 1 1	2 1 1 1	2 1 1 1
speaking 1-2-3	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
listening	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
written	1 1 1 1	1 1 1 1	1 1 1 1	✓ 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
oral	1 1 1 1	1 1 1 1	✓ 1 1 1	✓ 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
performance	✓ 1 1 1	1 1 1 1	✓ ✓ 1 1	✓ ✓ 1 1	1 1 1 1	1 1 1 1	1 1 1 1
self-paced	1 1 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1
hands-on	✓ 1 1 1	✓ ✓ 1 1	✓ ✓ 1 1	✓ ✓ 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1
demonstration	✓ 1 1 1	✓ ✓ 1 1	✓ ✓ 1 1	✓ ✓ 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1
lecture	✓ 1 1 1	✓ ✓ 1 1	✓ ✓ 1 1	✓ ✓ 1 1	✓ 1 1 1	✓ 1 1 1	✓ 1 1 1
danger to person/ equipment	5 1 1 1	5 5 5 1	5 5 5 1	5 5 5 1	5 1 1 1	5 1 1 1	5 1 1 1
importance	5 1 1 1	0 0 0 1	5 0 5 1	0 0 5 1	0 1 1 1	0 1 1 1	0 1 1 1
[illegible]	5 1 1 1	5 0 5 1	5 5 5 1	5 5 5 1	5 1 1 1	5 1 1 1	5 1 1 1
[illegible]	1 1 1 1	0 0 1 1	1 5 5 1	1 5 5 1	0 1 1 1	0 1 1 1	0 1 1 1
[illegible]	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1

071-331 0804 | 071-331 0805 | 071-331 0806 | 071-331 0806 | 071-331 0807 | 071-331 0809 | 071-331 0810

		071-331 0811	071-329 1001	071-329 1002	071-329 1010	071-329 1009	071-329 1003	071-329 1018
	COMPILED DATA	$AT_0 = 2.0$	$AT_2 = 5.2$ 2.5-1.5-2.0-1.5	$AT_2 = 5.2$	$AT_2 = 5.2$	$AT_2 = 4.3$	$AT_2 = 4.3$	$AT_2 = 3.1$
	writing							
	reading							
	speaking							
	listening							
TESTS	written							
	oral							
	performance							
TEACHING	self-paced							
	hands-on							
	demonstration							
	lecture							
	danger to person or equipment							
	importance							
UNIT	difficult?							
	tested?							

MOS: ______________ NUMBER OF RESPONSES: ______________

DATA OBTAINED FROM: ______________ TRAINING SPECIALIST: ______________

		071-331 0811	071-329 1001	071-329 1002	071-329 1010	071-329 1009	071-329 1003	071-329 1018
DATA	soldiers P.O.I. MILPERCEN Regs:		1.5-2.5- 1.3-4.1-					
	writing							
	reading							
	speaking							
	listening							
TESTS	written							
	oral							
	performance							
TEACHING	self-paced							
	hands-on							
	demonstration							
	lecture							
	danger to equipment/person							
	importance							
	difficult?							
	tested?							
	taught?							
	TASK #	071-331 0811	071-329 1001	071-329 1002	071-329 1010	071-329 1009	071-329 1003	071-329 1018

DATA OBTAINED FROM: _____ TRAINING SPECIALIST _____

	COMPILED DATA							
		$AT_2 = 5.3$	$AT_2 = 5.3$	$AT_2 = 3.2$	$AT_2 = 3.3$	$AT_2 = 3.2$	$AT_2 = 3.3$	$AT_2 = 5.3$
	writing	1 1 3 3 2	1 2 1 3 3	1 1 1 2 1	1 2 3 2 2	3 3 3 2 1	1 4 3 3 2	1 1 3 3 2
	reading	1 1 3 2 2	1 3 2 2 2	1 3 2 2 1	1 3 3 2 2	1 3 3 2 1	1 3 3 2 2	1 1 3 2 2
	speaking	1 1 2 1 1	1 3 2 1 1	1 1 2 1 1	1 3 2 2 2	1 3 2 3 1	1 3 2 1 1	1 1 3 2 1
	listening	3 3 2 3 3	3 3 3 3 3	3 3 2 3 1	3 3 2 3 3	3 3 2 3 1	3 3 2 3 3	3 3 2 3 2
	written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	oral	1	1	1	1	1	1	1
	performance	1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1	1 1 1
	self-paced	1	1	1	1	1	1	1
	hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	danger to person or equipment	5 5 5 5 5	5 5 5 5 5	5 5 5 5 1	5 5 5 5 5	5 5 5 5 1	5 5 5 5 5	5 5 5 5 1
	importance	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	difficult?	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	tested?	2 2 2 2 0	2 2 2 2 0	2 2 2 2 1	2 2 2 2 0	2 2 2 2 1	2 2 2 2 0	2 2 2 2 1

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:							
	writing	5 5 5	5 5 5	5 5 1	5 5 1	5 5 4	5 5 1	5 5 1
	reading	2 1 1	2 1 3	2 1 1	2 1 3	2 1 4	2 1 1	2 1 1
	speaking	1 5 2	1 5 3	1 5 1	1 5 3	1 5 3	1 5 1	1 5 1
	listening	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	written	1	1	1	1	1	1	1
	oral	1	1	1	1	1	1	1
	performance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	self-paced	1	1	1	1	1	1	1
	hands-on	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	lecture	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	danger to person/ equipment	5 5 5	5 5 5	5 5 1	5 5 5	5 5 5	5 5 1	5 5 1
	importance	5 5 5	0 0 5	0 0 1	0 0 5	0 0 5	0 0 1	0 5 1
	difficult?	1 0 1	0 0 1	0 0 1	0 1 1	0 1 1	0 1 1	0 1 1
	tested?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1

071-329 1016 | 071-329 1006 | 071-329 1007 | 071-329 1008 | 071-329 1004 | 071-329 1011 | 071-329 1...

DATA OBTAINED FROM: FT. KENNING TRAINING SPECIALIST: Lt. Hartzell

CC FILE DATA	AT_2 = 3.2	AT_2 = 7.0 2.7-1.2-1.2	AT_2 = 7.0	AT_2 = 5.1	AT_2 = 5.1	AT_2 = 4.1	AT_2 = 5.0 3-1.3-1.2
writing	1 1 3 2 2 1	1 1 3 3 1 2	1 1 2 2 1	1 1 3 3 1 2	1 1 3 1 2	1 1 2 1	1 1 3 3
reading	1 1 3 2 2 3 1	1 1 3 3 1 2 2	1 1 2 2 2	1 1 3 3 1 2	1 1 3 1 2	1 1 3 2 1	1 1 3 3
speaking	1 1 3 2 2 3 1	1 1 3 3 1 2 2	1 1 2 2 2	1 1 3 3 1 2	1 1 3 1 2	1 1 3 2 1	1 1 3 3
listening	3 3 3 2 3 1	3 3 3 3 3 2	3 3 3 2 3 3	3 3 3 3 3 3	3 3 3 3 3	3 3 3 3 1 2	3 3 3
written	✓ ✓ -	✓	✓	✓	✓	✓ -	✓
oral	✓ -	✓ ✓	✓ ✓	✓	✓	✓	✓
performance	✓ ✓ ✓ ✓ -	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓ -	✓ ✓ ✓
self-paced	-	✓	✓	✓	✓	- ✓	
hands-on	✓ ✓ ✓ ✓ -	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ -	✓ ✓ ✓
demonstration	✓ ✓ ✓ -	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
lecture	✓ ✓ ✓ -	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
danger to person or equipment	5 5 5 5 5 -	5 5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 5 5 - 5	5 5
importance	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - -
difficult?	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - -
tested?	2 2 2 2 2 1	2 2 2 2 2 2	2 2 2 2 2	2 2 2 2 2 0	2 2 2 2 2 0	2 2 2 2 1 0	2 2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:		1-2.6-2.4-3				1-2.0-3.0-4.0
writing	2 5 5 1 5 -	2 5 5 5 4 2 5	2 5 5 5 5 3 3 5	3 2 5 5 5	2 5 5 5 5 3 4 5	1 2 5 5 5 5 3 4 2
reading	1 5 1 -	1 5 5 4 2 5	1 5 5 3 3	3 5 5	3 5 5 5 3 4 5	1 5 5 5 3 4
speaking	1 5 1 -	1 5 5 4 2 5	1 5 5 3 3	3 5 5	3 5 5 5 3 4 5	1 5 5 5 3 4
listening	1 1 -	1 1	1 1	1 1	1 1	1 1
written	-					
oral	-					
performance	1 1 -	1 1	1 1	1 1	1 1	1 1
self-paced	-					
hands-on	1 1 -	1 1	1 1	1 1	1 1	1 1
demonstration	1 1 -	1 1	1 1	1 1	1 1	1 1
lecture	1 1 -	1 1	1 1	1 1	1 1	1 1
person	5 5 -	5 5 5	5 5 5	5 5	5 5 5	5 5 5
importance	0 0 -	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
	5 5 -	5 0 5	5 0 5	5 0	5 0 5	1 0 5 5 5
	0 1 -	1 1	1 1	1 0	1 1	1 1 5 5 5
	1 1 -	1 1	1 1	1 0	1 1	1 1

TASK NUMBER	671-329 1012	671-311- 2001	671-311 2003	671-311 2004	671-311 2007	671-311 2006	671-311 2101

DATA OBTAINED FROM: FT BENNING GA. GERMANY TRAINING SPECIALIST J.G. Hilfried D. CHANDLER B. KELN

COMPILED DATA	AT₂ = 7.0	AT₂ = 5.0	AT₂ = 5.1	AT₂ = 3.0	AT₂ = 7.0 23-11-11	AT₂ = 5.0	AT₂ = 7
writing	1 1 1 3 1	1 1 3 1	1 1 3 1	1 1 3 1	1 1 3 2	1 1 2 1	1 1 2
reading	1 1 3 3 1	1 1 3 1	1 1 3 1	1 1 3 1	1 3 2 2	1 2 2 1	1 2 2
speaking	1 1 3 2	1 3 1	1 3 2	1 3 1	1 3 2 1	1 2 1	1 2 1
listening	3 3 3 3 3	3 3 3 3	3 3 3 3 3	3 3 3 1	3 3 3 3	3 3 3 1	3 3 3
written	1	1	1	1	1	1	1
oral	1 1	1	1	1	1 1	1	1
performance	1 1 1 1	1 1 1	1 1 1	1 1 1	1 1 1 1	1 1 1	1 1 1
self-paced	1		1		1		
hands-on	1 1 1 1	1 1 1 1	1 1 1	1 1 1	1 1 1 1	1 1 1	1 1 1
demonstration	1 1 1 1	1 1 1 1	1 1 1	1 1 1	1 1 1 1	1 1 1	1 1 1
lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
danger to person or equipment	5 5 5 5 5	5 5 5 5 1	5 5 5 5 5	5 5 5 1 1	5 5 5 5 5	5 5 5 5 1	5 5 5
importance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
difficult?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
tested?	2 2 2 2 2	2 2 2 2 1	2 2 2 2 2	0 2 2 1	2 2 2 2 2	2 2 2 2 1	2 2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:					1-2, 1-1.5-5		
writing	5 5 5 5	5 5 5	5 5 5 4	5 5 1	4 5 5 5	2 5 5	2 5 5 5
reading	2 5 5 4	2 5 5	3 5 5 4	3 5 5 1	1 5 5 5	2 5 5	5 5 5 5
speaking	1 5 3 4	1 5 5	3 5 5 4	3 5 5 1	1 5 5 3	1 5 5 4	1 5 5 3
listening	1 1 1 1	1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
written							
oral							
performance	1 1 1	1 1	1 1	1 1 1	1 1 1	1 1 1	1 1 1
self-paced	1	1	1	1	1	1	1
hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
lecture	1 1	1 1 1	1 1	1 1 1	1 1	1 1	1 1
danger to person	5 5 5	5 5 5	5 5 5	5 5 1	5 5 5	5 5 5	5 5 5
importance	5 5 5	5 5 5	5 5 5	5 5 1	5 5 5	5 5 5	5 5 5
difficult?	1 5 0 5	1 5 0	1 5 0	1 5 0 1	1 0 5	1 5 0 5	1 5 5
tested?	1 1 0 1	1 1 0	1 1 1	1 1 0 1	1 1 1	1 1 1	1 1 1
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	071-311 2102	071-311 2103	071-311 2104	071-311 2105	071-318 2201	071-318 2202	071-318 2203

CRITERIA DATA	AT_2 = 7.0	AT_2 = 5.0	AT_2 = 5.1	AT_2 = 4.1	AT_2 = 5.1	AT_2 = 5.0	AT_2 = 7.0
writing							
reading							
speaking							
listening							
written							
oral							
performance							
self-paced							
hands-on							
demonstration							
lecture							
danger to person or equipment							
importance							
difficult?							
tested?							

MOS: ______ NUMBER OF RESPONSES: ______

DATA OBTAINED FROM: ______ TRAINING SPECIALIST: ______

soldiers P.O.I. MILPERCEN Regs:			1-35-22-5				
writing							
reading							
speaking							
listening							
written							
oral							
performance							
self-paced							
hands-on							
demonstration							
lecture							
danger to equipment/person							
importance							
difficult?							
tested							
taught							
	1..-0105	191-376 0104	071-313 3451	071-313 3452	071-313 3453	071-313-3454	071-313 3455

	CONTENT DATA	AT_a = 5.1 2.6-1.0-1-1	AT_a = 5.0	AT_a = 4.0	AT_a = 7.0 2.6-1.1-1.0-1	AT_a = 4.0	AT_a = 3.0	AT_a = 3.0
	writing							
	reading							
	speaking							
	listening	3 3 3 3 3	3 3 3 3 3	3 3	3 3 3 3 3	3 3 3 1	3 3 3 3	3 3 3 1
	written							
	oral							
	performance							
	self-paced							
	hands-on							
	demonstration							
	lecture							
	danger to person or equipment	5 5 5 5 5	5 5 5 5 1	5 5 5 1 1	5 5 5 5 5	5 5 5 1 1	5 5 5 1 5	5 5 5 1
	importance							
	difficult?							
	tested?	2 2 2 2 2 0	2 2 2 2 1	2 2 2 1 1	2 2 2 2 2 2	2 2 2 2 1 1	2 2 2 2 2	2 2 2 2
	MOS:				NUMBER OF RESPONSES:			
	DATA OBTAINED FROM:				TRAINING SPECIALIST:			
	soldiers P.O.I. MILPERCEN Regs:	1-13-33-5			1-26-38-5			
	writing	5 5 5 5	5 5 5 5	5 5 5	2 5 5 5 5	2 5 5 1	2 5 5 5	2 5 5 1
	reading	1 5 5 4	1 5 5 4	1 5 5 4	1 5 5 4	1 2 5 5 1	1 2 2 4	1 2 3 1
	speaking	1 1 3	3 1 3	1 1 3	1 1 3	1 1 5 1	1 1 3 3	1 1 3 1
	listening	1 1 1	1 1 1	1 1 1	1 1	1 1	1 1	1 1
	written							
	oral							
	performance	1 1 1	1 1 1	1 1	1	1	1 1	1
	self-paced							
	hands-on	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1	1 1 1	1 1 1	1 1
	lecture	1 1	1 1	1 1	1 1	1 1 1	1 1	1 1
	danger to equipment/ person	5 5 5	5 5 5	5 5 5	5 5 5	5 5 1	5 5 5	5 5 1
	importance	5 0 5	5 5 5	0 0 5	5 5 5	5 5 1	5 5 5	0 0 1
	difficult?	1 5 5	1 0 5	1 5 0 5	1 5	1 0 5	1 0 5	1 5 0 1
	tested?	1 1 5	1 1 5	1 0 1 1	1 1 5	1 1 1	1 1 5	1 0 1 1
	taught?	1 1	1 1	1 1 1	1 1	1 1	1 1	1 1
		11-325 4401	011-325 4402	071-325 4405	051-192 1502	051-192 1021	051-192 1022	051-192 1501

COMPILE DATA	AT_2 = 3.0 1.9-1.0-1-1	AT_2 = 3.0	AT_2 = 2.0	AT_2 = 2.0	AT_2 = 2.1	AT_2 = 2.0	AT_2 = 3.2 1.25-1.8-1.8-1.8
writing	1	1	1	1	1	1	1
reading	1	1	1	1	1	1	1
speaking	3	3	3	3	3	3	3
listening	3	3	3	3	3	3	3
written	✓	✓	✓	✓	✓	✓	✓
oral	✓	✓	✓	✓	✓	✓	✓
performance	✓	✓	✓	✓	✓	✓	✓
self-paced					✓		
hands-on	✓	✓	✓	✓	✓	✓	✓
demonstration	✓	✓	✓	✓	✓	✓	✓
lecture	✓	✓	✓	✓	✓	✓	✓
danger to person or equipment	5	5	5	5	5	5	5
importance	5	5	1	1	5	1	5
difficult?	1	1	1	1	1	1	1
tested?	2	2	2	2	2	2	2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:							1-25-16-9.2
writing	1	1	1	1	1	1	1
reading	1	1	1	1	1	1	1
speaking	4	2	3	3	3	3	4
listening	1	1	1	1	1	1	1
written							
oral							
performance	✓	✓	✓	✓	✓	✓	✓
self-paced							
hands-on	✓	✓	✓	✓	✓	✓	✓
demonstration	✓	✓	✓	✓	✓	✓	✓
lecture	✓	✓	✓	✓	✓	✓	✓
danger to equipment/ person	5	5	5	5	5	5	5
importance	5	5	5	5	5	5	5
difficult?	0	0	0	0	0	0	0
tested?	1	1	1	1	1	1	1
ught?							

051-193 1003 | 051-193 1503 | 051-193 1004 | 051-193 1005 | 051-193 1006 | 051-193 1502 | 61-28 6002

		1-283 6003	1-283 6004	071-329 1021	071-321 1601	071-321 1602	113-600 3001	113-600 1001
CURRENT DATA		$AT_2 = 3.2$	$AT_1 = 3.2$	$AT_1 = 4.1$	$AT_2 = 1.2$ 2.3-2.3-1.8-1.1	$AT_1 = 1.2$	$AT_1 = 6.1$ 2.4-1.4-1.3-1.1	$AT_1 = 6.1$
	writing							
	reading							
	speaking							
	listening							
TESTING	written							
	oral							
	performance							
TEACHING	self-paced							
	hands-on							
	demonstration							
	lecture							
	danger to person or equipment							
	importance							
	difficult?							
	tested?							

MOS: ______ NUMBER OF RESPONSES: ______

DATA OBTAINED FROM: ______ TRAINING SPECIALIST: ______

		1-283 6003	1-283 6004	071-329 1021	071-321 1601	071-321 1602	113-600 3001	113-600 1001
	soldiers P.O.I. MILPERCEN Regs:				1-1.6-1-1.3			
	writing							
	reading							
	speaking							
	listening							
TESTING	written							
	oral							
	performance							
TEACHING	self-paced							
	hands-on							
	demonstration							
	lecture							
	danger to equipment/person							
	importance							
	difficult?							
	tested?							
	taught?							

DATA COLLECTION FORM: _____

	COMPILED DATA	AT_2 = 2.1	AT_2 = 6.1	AT_2 = 2.5	AT_2 = 2.0	AT_2 = 4.5	AT_2 = 2.1	AT_2 = 1.4
	writing	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 3 3 3	1 1 1 1 1
	reading	1 1 1 1 1	1 2 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 3 3 3	1 1 1 1 1
	speaking	1 1 1 1 2	1 2 1 1 2	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 3 2 2	1 1 1 1 1
	listening	3 3 3 3 3	3 3 1 3 3	1 1 3 1 1	1 1 3 1 1	1 1 3 1 1	1 1 3 3 3	1 1 1 1 1
TESTING	written	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	oral	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	performance	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
TEACHING	self-paced	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	hands-on	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	demonstration	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	lecture	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	danger to person or equipment	5 5 5 5 5	5 5 5 5 5	1 1 5 5 1	1 1 5 5 1	1 1 5 5 1	1 1 5 5 5	1 1 1 1 1
	importance	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	difficult?	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
	tested?	2 2 2 2 2	2 2 2 2 2	1 1 2 2 1	1 1 2 2 1	1 1 2 2 1	1 1 2 2 0	1 1 2 2 1

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:							
	writing	5 5 5 2	1 5 5 2	1 1	1 1	1 1	1 1	1 1
	reading	2 5 5 4	1 5 5 4	1 1	1 1	1 1	1 1	1 1
	speaking	1 5 5 3	1 5 5 4	1 1	1 1	1 1	1 1	1 1
	listening	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
TESTING	written			1 1	1 1	1 1	1 1	1 1
	oral			1 1	1 1	1 1	1 1	1 1
	performance	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
TEACHING	self-paced			1 1	1 1	1 1	1 1	1 1
	hands-on	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	lecture	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	danger to person/ equipment	1 5 5	5 5 5	1 1	1 1	1 1	1 1	1 1
	importance	5 5 5	5 5 5	1 1	1 1	1 1	1 1	1 1
	difficult?	5 5 5	5 5 5	1 1	1 1	1 1	1 1	1 1
	tested?	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	taught?	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
		113-587-3005	113-587 2001	113-587 2002	113-587 3004	113-587 2020	113-573 8001	113-571 2001

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

MOS: _____ NUMBER OF RESPONSES: _____

	CCTTSC DATA	AT_2 = 1.0	AT_2 = 1.2	AT_2 = 5.2	AT_2 = 2.0	AT_2 = 1.0	AT_2 = 4.1 25-41-10-1	AT_2 = 3.1
	writing	1 1 1	1 1 1	3 3 1	1 1 1	1 1 1	3 1 1	1 1 1
	reading	1 1 1	1 3 1	3 3 2	1 3 1	1 1 1	1 3 1	1 3 1
	speaking	1 1 1	3 2 2	1 3 2	1 1 1	1 1 1	3 3 1	1 1 1
	listening	1 1 1	3 2 2	3 3 2	3 1 1	1 1 1	3 3 1	1 3 1
TESTING	written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	oral	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	performance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
TRAINING	self-paced	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
CRITICALITY	danger to person or equipment	1 5 1	1 5 5	5 5 5	1 5 5	1 5 1	5 5 5	5 5
	importance	1 1 1	1 1 1	5 5 5	1 1 1	1 1 1	1 1 1	1 1
SKILL	difficult?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	tested?	1 2 1	1 2 2	2 2 2	1 2 2	1 2 1	2 2 2	2 2
	taught?	1 1 1	1 1 1	2 2 2	1 1 1	1 1 1	2 2 2	2 2
	soldiers P.O.I. MILPERCEN Regs:							
TESTING	writing	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	reading	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	speaking	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	listening	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	oral	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	performance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
TRAINING	self-paced	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
CRITICALITY	danger to equipment/ person	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	5 5 1	5 1
	importance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	5 5 1	5 1
SKILL	difficult?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	0 5 1	0 5 1
	tested?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	taught?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
		113-571 2002	113-571 1003	113-571 1001	113-594 2005	113-594 2004	071-333 6001	071-333 6002

COMPLEX DATA

		AT2 = 4.1	AT2 = 2.0	AT2 = 4.0	AT2 = 2.0	AT2 = 2.1	AT2 = 1.0	AT2 = 5.1
	writing	1	1	1	1	1	1	1
	reading	1	1	1	1	1	1	1
	speaking	2	2	2	2	2	2	2
	listening	3	3	3	3	3	3	3
TEACHING METHOD	written	✓	✓	✓	✓	✓	✓	✓
	oral performance	✓	✓	✓	✓	✓	✓	✓
	self-paced	✓	✓	✓	✓	✓		✓
	hands-on	✓	✓	✓	✓	✓		✓
	demonstration	✓	✓	✓	✓	✓		✓
	lecture	✓	✓	✓	✓	✓	✓	✓
CRITICALITY	danger to person or equipment	5	5	5	5	5	5	5
	importance	5	5	5	5	5	5	5
UNIT	difficult?	1	1	1	1	1	1	1
	tested?	2	2	2	2	2	2	2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:							
	writing	1	1	1	1	1	1	1
	reading	1	1	1	1	1	1	1
	speaking	3	3	3	3	3	3	3
	listening	1	1	1	1	1	1	1
TEACHING METHOD	written	✓	✓	✓	✓	✓	✓	✓
	oral performance	✓	✓	✓	✓	✓	✓	✓
	self-paced	✓	✓	✓	✓	✓	✓	✓
	hands-on	✓	✓	✓	✓	✓	✓	✓
	demonstration	✓	✓	✓	✓	✓	✓	✓
	lecture	✓	✓	✓	✓	✓	✓	✓
CRITICALITY	danger to equipment/ person	5	5	5	5	5	5	5
	importance	5	5	5	5	5	5	5
UNIT	difficult?	0	0	0	0	0	0	0
	tested?	5	5	5	5	5	5	5
	taught?	1	1	1	1	1	1	1
		071-333 6003	71-333 6004	071-333 6005	071-333 6006	071-333 6007	071-333 6008	071-333 6501

	COMPILED DATA	AT_2 = 5.0	AT_2 = 5.1	AT_2 = 4.2	AT_2 = 4.2	AT_2 = 4.2	AT_2 = 4.2	AT_2 = 4.2
	writing	1 1 1 1	1 1 1 1	3 1 1 1	3 1 1 1	3 1 1 1	3 1 1 1	3 2 1 1
	reading	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1	1 1 1 1	2 2 1 1
	speaking	2 1 1 1	2 1 1 2	2 1 1 2	2 1 1 2	2 1 1 2	1 1 2 2	2 2 1 1
	listening	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 2 3 3	3 1 3 3	3 2 3 3
TESTING	written	1	1				1	1
	oral							
	performance	1 1 1 1	1 1 1 1	1 1	1 1	1	1	1 1
TEACHING	self-paced		1	1	1	1	1	
	hands-on	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1	1 1	1 1
	demonstration	1 1 1 1	1 1 1 1	1 1 1	1 1 1	1 1 1	1 1	1 1
	lecture	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	danger to person or equipment	5 5 5 5 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5	5 1 5 5	5 1 5	5 5 5 5
	importance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1	1 1 1
	difficult?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1	1 1 1
	tested?	1 1 1 1 1	1 1 1 1 0	1 1 1 1 0	1 1 1 1 0	1 1 1 0	1 1 1 0	1 1 1 1

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:							
	writing	1 1 1	1 3 1 1	1 3 1 1	1 5 5 1	1 1 5 5	1 1 1	1 3 5 5
	reading	1 1 1	1 1 1 1	1 1 1 1	1 5 1 1	1 5 1 1	1 1 1	1 5 3 3
	speaking	1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 5 1 1	1 1 1	1 5 3 3
	listening	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 3 3
TESTING	written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	
	oral							
	performance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
TEACHING	self-paced	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	danger to equipment/ person	1 1 1	5 1 1	5 1 1	5 1 1	5 1 1	1 1 1	5 5 5
	importance	1 1 1	5 1 1	5 1 1	1 0 1	1 0 1	1 1 1	5 0 0
	difficult?	1 1 1	1 5 1 1	5 1 1	1 5 1	1 5 1	1 1 1	5 5 5
	tested?	1 1 1	1 0 1 1	1 0 1 1	1 0 1	1 0 1	1 1 1	1 0 5
	taught?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 5
		071-333 6502	071-333 6503	071-333 6504	071-333 6505	071-333 6506	071-333 6507	071-333 6508

DATA OBTAINED FROM: _____

	COMPILED DATA	AT_1 = 1.0	AT_2 = 1.1	AT_3 = 1.1	AT_4 = 2.0 4.6-2-1.7-11	AT_5 = 4.0	AT_6 = 2.1	AT_7 = 2.1
	writing	1 1 1	1 1 2	1 1 2	1 1 1	1 1 1	1 1 1	1 1 1
	reading	1 1 1	1 2 2	1 2 2	1 3 1	1 3 1	1 3 1	1 3 1
	speaking	1 1 1	1 2 2	1 2 2	1 3 2	1 3 2	1 3 1	1 3 1
	listening	2 1 1	1 3 2	2 3 2	2 3 3	2 3 3	2 3 1	2 3 1
TESTING	written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	oral	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	performance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
TEACHING	self-paced	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	danger to person or equipment	1 5 1	1 5 5	1 5 5	1 5 5	1 5 5 5	1 5 5 5	1 5 5
	importance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	difficult?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	tested?	1 2 1	1 2 0	1 2 0	1 2 2	1 2 2 2	1 2 2	1 2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:				1-1-1-1-1-1			
	writing	1 1 1	1 1 1	1 1 1	1 5 5	1 1 1	1 5 1	1 5 5
	reading	1 1 1	1 1 1	1 1 1	1 5 5	1 1 1	1 1 1	1 1 5
	speaking	1 1 1	1 1 1	1 1 1	1 5 5	1 1 1	1 1 1	1 1 5
	listening	1 1 1	1 1 1	1 1 1	1 2 5	1 1 1	1 1 1	1 1 5
TESTING	written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	oral	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	performance	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
TEACHING	self-paced	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	hands-on	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	demonstration	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	lecture	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	danger to equipment/ person	1 1 1	1 1 1	1 1 1	1 5 5	1 5 1	1 5 5	1 5 5
	importance	1 1 1	1 1 1	1 1 1	1 5 0	1 5 1	1 5 5	1 5 0
	difficult?	1 1 1	1 1 1	1 1 1	1 0 5	1 0 1	1 0 5	1 0 5
	tested?	1 1 1	1 1 1	1 1 1	1 0 5	1 0 1	1 0 5	1 0 5
	ught?	1 1 1	1 1 1	1 1 1	1 0 5	1 0 1	1 0 5	1 0 5
		071-333 6509	71-333 6510	071-333 6511	071-321 4002	071-321 4007	071-321 4008	071-321 4006

	071-321 4001	1-321 4009	071-321 4050	071-321 4051	071-321 4052	071-328 5301	071-328 5302
SUPPLIED DATA	$AT_2 = 2.1$	$AT_2 = 2.1$	$AT_2 = 2.1$ 26-1.3-1.6-1	$AT_2 = 1.2$	$AT_3 = 1.2$	$AT_2 = 1.2$ 26-1.5-1.7-1.3	$AT_2 = 1.2$
writing / reading / speaking / listening							
TESTING: written / oral / performance							
TEACHING: self-paced / hands-on / demonstration / lecture							
danger to person or equipment / importance							
difficult? / tested?							

MOS: ______ NUMBER OF RESPONSES: ______

DATA OBTAINED FROM: ______ TRAINING SPECIALIST: ______

	071-321 4001	1-321 4009	071-321 4050	071-321 4051	071-321 4052	071-328 5301	071-328 5302
soldiers / P.O.I. / MILPERCEN / Regs:			1-1-1-1			1.3-2.1-2.9-3.4-	
writing / reading / speaking / listening							
TESTING: written / oral / performance							
TEACHING: self-paced / hands-on / demonstration / lecture							
danger to equipment/person / importance							
difficult? / tested? / taught?							

CURR. DATA		AT$_2$ = 1.1	AT$_2$ = 1.1	AT$_2$ = 1.2	AT$_2$ = 4.0 2.5-1.3-1.2-1	AT$_2$ = 3.1	AT$_2$ = 3.1	AT$_2$ = 4.0
	writing	1 2 3 1	1 2 3 3	1 1 3 3	1 1 1	1 1 1	1 1 1	1 1 1
	reading	1 2 3 1	1 2 3 3	1 3 3 2	1 1 1	1 3 2	1 2 3	1 1 1
	speaking	1 2 3 1	1 2 3 3	1 3 3 2	1 1 2	1 3 2	1 2 3	1 1 1
	listening	1 2 3 1	1 2 3 1	1 3 3 2	1 3 2	1 3 2	1 2 3	1 1 1
TESTED	written	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	oral	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	performance	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
TRAINING	self-paced	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	hands-on	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	lecture	1 1 1	1 1 1	1 1	1 1	1 1	1 1	1 1
	danger to person or equipment	1 5 5 5	1 5 5 1	1 5 5 5	1 5 5 5	1 5 5 5	1 5 5 5	1 5 5
	importance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
	difficult?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1
	tested?	1 2 2 1	1 2 2 1	1 0 2 0	1 2 2 2	1 2 2 2	1 2 2 2	1 2 2

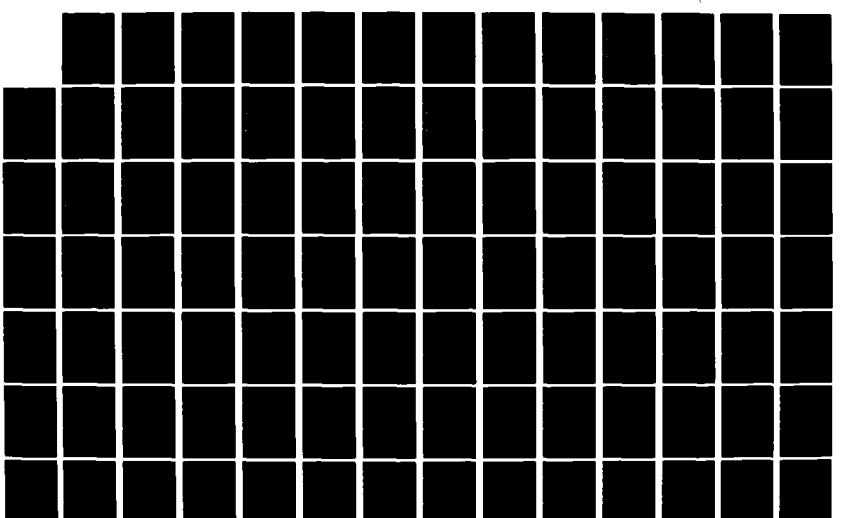
MOS: _____ NUMBER OF RESPONSES: _____

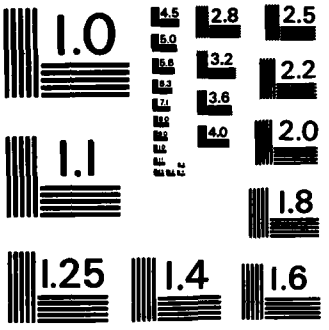
DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:				1-2-20-32			
	writing	1 1 5 5 3	1 1 1	1 1 1 3 5	1 1 1 5 5 3	1 1 1 2 5 3 5	1 1 1 4 5 3 5
	reading	1 1 5 3 3	1 1 1	1 1 1 3	1 1 1 3 3	1 1 1 3 3	1 1 1 3 3
	speaking	1 1 5 3 3	1 1 1	1 1 1 3	1 1 1 3 3	1 1 1 3 3	1 1 1 3 3
	listening	1 1 2 3 3	1 1 1	1 1 1 3	1 1 1 3 3	1 1 1 3 3	1 1 1 3 3
TESTED	written	1 1	1 1	1 1	1 1	1 1	1 1
	oral	1 1	1 1	1 1	1 1	1 1	1 1
	performance	1 1	1 1	1 1	1 1	1 1	1 1
TRAINING	self-paced	1 1	1 1	1 1	1 1	1 1	1 1
	hands-on	1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1	1 1	1 1
	lecture	1 1	1 1	1 1	1 1	1 1	1 1
	danger to equipment/ person	1 5 5 5	1 5 1 1	1 5 1 5	1 5 5 5	1 5 5 5	1 5 5 5
	importance	1 5 0 0	1 5 1 1	1 5 1 5	1 5 0 5	1 5 0 5	1 5 0 5
	difficulty	1 0 0 0	1 0 1 1	1 1 1 1	1 0 5 5	1 0 5 5	1 0 5 5
	tested?	1 1 0 1	1 0 1 1	1 1 1 1	1 0 5 5	1 0 5 5	1 0 5 5
	taught?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
		071-326 5304	1-030 2501	874-896 2001	071-320 3901	071-321 3903	071-321 3904	071-321 3905

AD-A121 157 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 11C 2/5
INDIRECT FIRE INFANTRYMAN(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER OCT 82

UNCLASSIFIED F/G 5/9 NL





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

	COMPILED DATA	AT_2 = 2.0	AT_2 = 2.1	AT_2 = 2.1	AT_2 = 2.1	AT_2 = 2.1	AT_2 = 2.1	AT_2 = 1.1
	writing							
	reading							
	speaking							
	listening							
TESTING	written							
	oral							
	performance							
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: _____

DATA	soldiers P.O.I. MILPERCEN Regs:							
	writing							
	reading							
	speaking							
	listening							
TESTING	written							
	oral							
	performance							
TEACHING	self-paced							
	hands-on							
	demonstration							
	lecture							
	danger to equipment/ person							
	importance							
	difficult?							
	tested?							
	taught?							
		071-321 3906	071-321 3907	071-321 3909	071-321 3910	071-321 3911	071-321 4053	071-321 4054

DATA OBTAINED FROM:

SKILLED DATA	AT$_L$ = 1.1	AT$_L$ = 3.1 25-1-12-1.2-1	AT$_L$ = 3.1	AT$_L$ = 1.1	AT$_L$ = 1.1	AT$_L$ = 1.2	AT$_L$ = 2.0
writing							
reading							
speaking	3	2	2	2	2	2	2
listening		3	3	3	3	3	3
TESTING written							
oral							
performance							
TEACHING self-paced							
hands-on							
demonstration							
lecture							
DATA danger to person or equipment	5 5	5 5 5	5 5 5	5 5	5 5	5 5 5	5 5
importance							
difficult?							
tested?	3	2 2 2	2 2 2	2 2	2 2	2 2 0	2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

soldiers P.O.I. MILPERCEN Regs:		1-1.5-2/-3/					
writing		1 5 5	1 5 5	1 5 5	1 5 5	1 5 5	1 4 5
reading		1 5 3	1 3 3	1 5 3	1 5 3	1 3 3	1 3 5
speaking		1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
listening							
TESTING written							
oral							
performance		1 1	1 1	1 1	1 1	1 1	1 1
TEACHING self-paced		1 1	1 1	1 1	1 1	1 1	1 1
hands-on		1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
demonstration							
lecture		1 1	1 1	1 1	1 1	1 1	1 1
DATA danger to equipment/ person		5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
importance		5 0 5	5 0 3	5 0 5	5 0 5	5 5 5	5 0 5
difficult?		1 5 5	1 5 5	1 5 5	0 5 5	0 5 5	0 5 5
tested?		1 0 5	1 0 5	1 0 5	0 5 5	0 5 5	0 0 5
taught?		1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	071-321 4055-	071-321 3912	071-321 3917	071-321 3902	071-321 3903	071-321 3904	071-321 3905

	CONTRIB DATA	AT_2 = 2.0	AT_2 = 1.2	AT_2 = 1.2	AT_2 = 1.2	AT_2 = 1.2	AT_2 = 1.2	AT_2 = 1.1
	writing	1	1	1	1			
	reading	2	1	1	1			
	speaking	1	1	1	1	2	2	2
	listening	2 3	2 3 3	2 3 3	2 3 3	3 3	2 3 3	2 3
TESTING	written	1	1	1	1	1	1	1
	oral	1	1	1	1	1	1	1
	performance	1 1	1 1	1 1	1 1	1 1	1 1	1 1
TEACHING	self-paced							
	hands-on	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1	1 1	1 1	1 1
	lecture	1 -	1 1	1 1	1 1	1 1	1 1	1 1
	danger to person or equipment	1 5 5	1 5 5 5	1 5 5	1 5 5 5	1 5 5 5	1 5 5 5	5 5
	importance	1 - 1	1 - 1	1 - 1	1 - 1	1 - 1	1 - 1	1 -
UNIT	difficult?	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1
	tested?	1 2 2 1	1 2 2 0	1 2 2 0	1 2 2 0	1 2 2 0	1 2 2 0	2 2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:							
	writing	1 1 5 5	1 1 5 5	1 1 5 5	1 1 5 5		1 5	
	reading	1 4 3 5	1 1 3 5	1 1 3 5	1 1 3 5		1 1	
	speaking	1 1 3 5	1 1 3 -	1 1 3 5	1 1 3 5		1 1	
	listening	1 1 3 5	1 1 3 -	1 1 3 5	1 1 3 5		1 1	
TESTING	written							
	oral							
	performance	1 1	1 1 1	1 1 1	1 1 1		1 1	
TEACHING	self-paced							
	hands-on	1 1	1 1	1 1	1 1			
	demonstration	1 1	1 1	1 1	1 1		1 1	
	lecture	1 1	1 1	1 1	1 1		1 1	
	danger to equipment/ person	5 5 5	5 5 5	5 5 5	5 5 5		1 5	
	importance	5 0 5	5 5 5	5 5 5	5 5 5		1 1	
	difficult?	5 0 5	5 5 5	5 5 5	5 5 5		1 1	
	tested?	0 0 5	1 1 0	1 1 0	1 1 0		1 1	
		1 1	1 1	1 1	1 1		1 1	
		3906	3909	3910	3911	4053	4054	4055

		AT$_L$= 1.1	AT$_L$= 1.1	AT$_L$= 1.1	AT$_L$= 1.1	AT$_L$= 1.1	AT$_L$= 1.1	AT$_L$= 1.1
	COMPLE... DATA	.25-1.5-1-1						
	writing	1	1	1	1	1	1	1
	reading	1	1	1	1	1	1	1
	speaking	2	2	2	2	2	2	2
	listening	2 3	2 3	2 3	2 3	2 3	2 3	2 3
TESTING	written	1	1	1	1	1	1	1
	oral	1	1	1	1	1	1	1
	performance	1	1	1	1	1	1	1
TRAINING	self-paced							
	hands-on	1	1	1	1	1	1	1
	demonstration	1	1	1	1	1	1	1
	lecture	1	1	1	1	1	1	1
	danger to person or equipment	.5	.5	.5	.5	.5	.5	.5
	importance	1	1	1	1	1	1	1
UNIT	difficult?	1	1	1	1	1	1	1
	tested?	2 0	2 0	2 0	2 0	2 0	2 0	2

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

DATA	soldiers P.O.I. MILPERCEN Regs:	1-20-2.1-41						
	writing	1 .5 5	1 1	1 .5 5	1 .5 5	1 .5 5	1 .5 5	1 .5 5
	reading	1 1 3	1 1	1 1 3	1 1 3	1 1 3	1 1 2	1 1 3
	speaking	1 3	1 1	1 3	1 3	1 3	1 1	1 3
	listening	1 3	1 1	1 3	1 3	1 3	1 1	1 3
TESTING	written	1	1	1	1	1	1	1
	oral	1	1	1	1	1	1	1
	performance	1	1	1	1	1	1	1
TRAINING	self-paced	1	1	1	1	1	1	1
	hands-on	1	1	1	1	1	1	1
	demonstration	1	1	1	1	1	1	1
	lecture	1	1	1	1	1	1	1
	danger to equipment/ person	.5 .5	1 1	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5
	importance	1 0 5	1 1	1 0 5	1 0 5	5 0 5	5 0 5	5 0 5
	difficult?	1 .5 5	1 1	1 .5 5	1 .5 5	1 .5 5	1 .5 5	1 .5 5
	tested?	1 0 5	1 1	1 0 5	1 0 5	1 0 5	1 0 5	1 0 5
	taught?	1	1	1	1	1	1	1
		071-322 4201	071-322 4202	071-322 4203	071-322 4204	071-322 4205	071-322 4206	071-322 4207

96

DATA	AT_2=1.1 / 2.5-1.5-1-1	AT_2=1.1	AT_2=1.1	AT_2=1.1 / 2.5-1.5-1-1	AT_3=1.1	AT_2=1.1	AT_2=1.1
writing / reading / speaking / listening							
TESTING: written / oral / performance							
TEACHING: self-paced / hands-on / demonstration / lecture							
danger to person or equipment / importance							
difficult? / tested?							

MOS: ______________________ NUMBER OF RESPONSES: ______________________

DATA OBTAINED FROM: ______________________ TRAINING SPECIALIST: ______________________

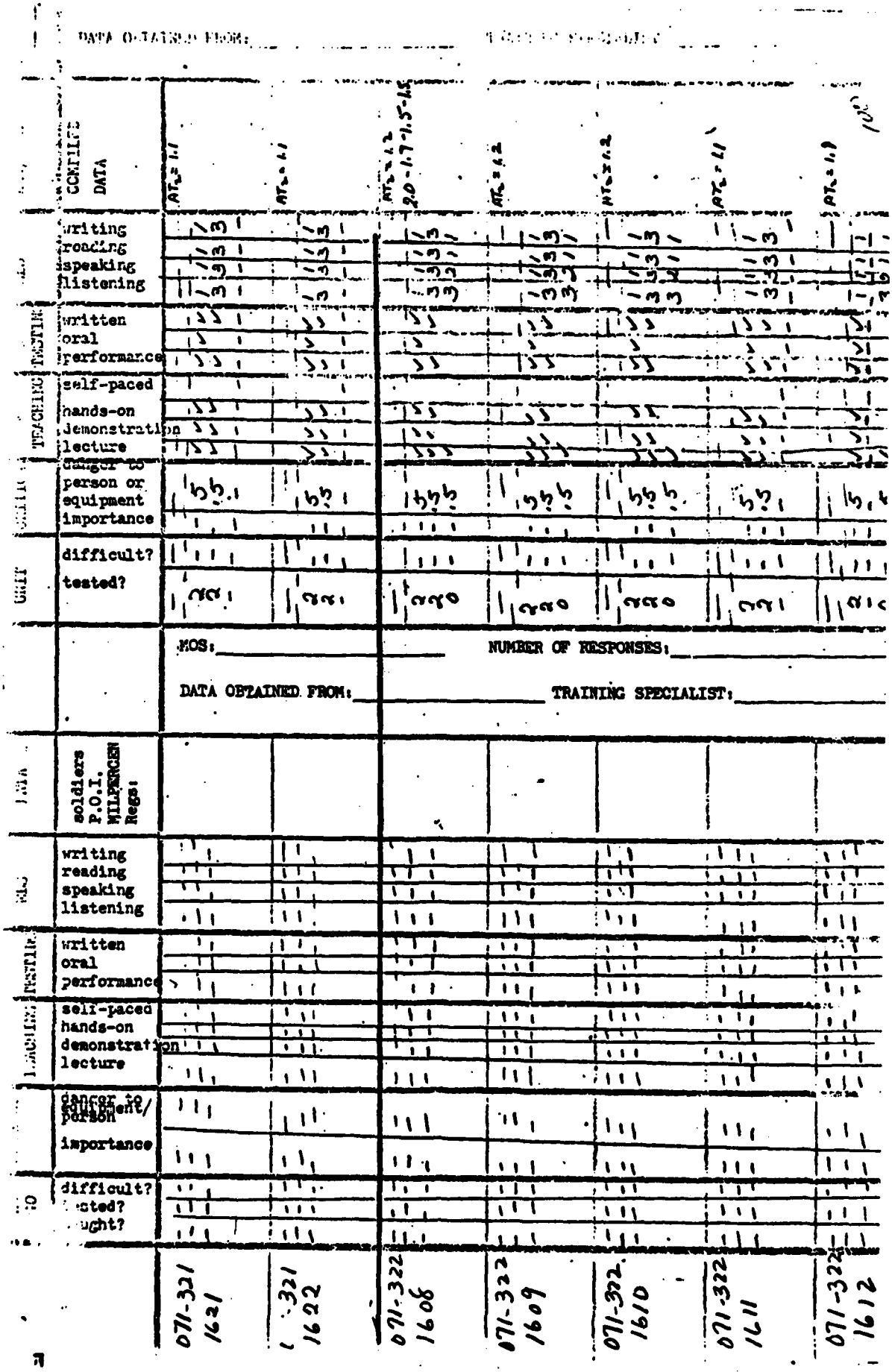
soldiers P.O.I. MILPERCEN Regs:	1-1-1-3			1-1-1-5			
writing / reading / speaking / listening							
TESTING: written / oral / performance							
TEACHING: self-paced / hands-on / demonstration / lecture							
danger to equipment/person							
importance							
difficult? / tested? / taught?							
	071-322-4208	071-322-4209	071-322-4210	071-322-4212	071-322-4216	071-322-4202	071-322-4203

	COMPARED DATA	AT=1.1	AT=1.1	AT=1.1	AT=1.2	AT=1.1	AT=1.1	AT=1.1
	writing	1	1	1	1	1	1	1
	reading	1	1	1	1	1	1	1
	speaking	1	1	1	1	1	1	1
	listening	2 3	2 3	2 3	3 3	2 3	2 3	2-16-16-14
TESTING	written	✓	✓	✓	✓	✓	✓	✓
	oral performance	✓	✓	✓	✓	✓	✓	✓
TEACHING	self-paced							
	hands-on	✓	✓	✓	✓	✓	✓	✓
	demonstration	✓	✓	✓	✓	✓	✓	✓
	lecture	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓
UNIT	danger to person or equipment	1 .5	1 .5	1 .5	1 .5	1 .5	1 .5	1 .5
	importance	1	1	1	1	1	1	1
	difficult?	1	1	1	1	1	1	1
	tested?	1 2 1 0	1 2 1 0	1 2 1 0	1 2 1 0	1 2 1 0	1 2 1 0	1 2 1 0

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	soldiers P.O.I. MILPERCEN Regs:							1-1.1-1.3
	writing	1 .5	1 .5	1 .5	1 .5	1 .5	1 .5	1 .5
	reading	1	1	1	1	1	1	1
	speaking	1	1	1	1	1	1	3
	listening	1	1	1	1	1	1	1
TESTING	written							
	oral performance							✓
TEACHING	self-paced							
	hands-on	✓	✓	✓	✓	✓	✓	✓
	demonstration	✓	✓	✓	✓	✓	✓	✓
	lecture	✓	✓	✓	✓	✓	✓	✓
	danger to equipment/ person	.5 1	.5 1	.5 1	.5 1	.5 1	.5 1	.5 .5
	importance	1 0 1	1 0 1	1 0 1	1 0 1	1 0 1	1 0 1	1 0 .5
	difficult?	1 .5 1	1 .5 1	1 .5 1	1 .5 1	1 .5 1	1 .5 1	1 .5 1
	tested?	1 0 1	1 0 1	1 0 1	1 0 1	1 0 1	1 0 1	1 0 .5
	taught?	1 1	1 1	1 1	1 1	1 1	1 1	1 1
		071-322 4204	07. 322 4205	071-322 4206	071-322 4208	171-322 4209	071-322 4210	171-321 11.81


DATA OBTAINED FROM:
CONTENT DATA
writing
reading
speaking
listening
written
oral
performance
self-paced
hands-on
demonstration
lecture
danger to person or equipment
importance
difficult?
tested?
MOS:
NUMBER OF RESPONSES:
DATA OBTAINED FROM:
TRAINING SPECIALIST:
soldiers P.O.I.
MILPERCEN Regs:
writing
reading
speaking
listening
written
oral
performance
self-paced
hands-on
demonstration
lecture
danger to equipment/person
importance
difficult?
tested?
taught?
071-321 1621
071-321 1622
071-322 1608
071-322 1609
071-322 1610
071-322 1611
071-322 1612

	CRITERIA DATA	AT = 1.0	AT = 1.1	AT = 1.0	AT = 1.1
	writing	1 1	1 1	1 1	1 1
	reading	1 1	1 3 3	1 1	1 1
	speaking	1 1	1 3	1 1	1 1
	listening	1 1	1 3	1 1	3 2 1
TESTING	written	1 1	1 1	1 1	1 1
	oral performance	1 1	1 1	1 1	1 1
TRAINING	self-paced				
	hands-on	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1
	lecture	1 1	1 1	1 1	1 1
	danger to person or equipment	5 1 1	5 5 1	5 1 1	5 1 5
	importance	1 1 1	1 1 1	1 1 1	1 1 1
	difficult?	1 1 1	1 1 1	1 1 1	1 1 1
	tested?	1 2 1	1 2 2	1 2 1	1 2 0

MOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

	CRITERIA DATA				
	soldiers P.O.I. MILPERSCEN Regs:				
	writing	1 1	1 1	1 1	1 1
	reading	1 1	1 1	1 1	1 1
	speaking	1 1	1 1	1 1	1 1
	listening	1 1	1 1	1 1	1 1
TESTING	written	1 1	1 1	1 1	1 1
	oral performance	1 1	1 1	1 1	1 1
TRAINING	self-paced	1 1	1 1	1 1	1 1
	hands-on	1 1	1 1	1 1	1 1
	demonstration	1 1	1 1	1 1	1 1
	lecture	1 1	1 1	1 1	1 1
	danger to equipment/ person	1 1	1 1	1 1	1 1
	importance	1 1	1 1	1 1	1 1
	difficult?	1 1	1 1	1 1	1 1
	tested?	1 1	1 1	1 1	1 1
	taught?	1 1	1 1	1 1	1 1
		67I-322 1613	67I-322 1615	67I-322 1616	67I-322 1617

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

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

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

variables x s # of totals
respondents per cluster =
total

PERCENTAGE LANGUAGE SKILLS
MOS 11C

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
FORMULA FIRST AID	6x5x8= 240 44 27 36 37 39 183 240⌐183	6x2x8=96 6 19 25 96 25	6x3x8 = 144 0 0 18 18 144⌐18	6x4x8=192 27 0 0 8 35 192⌐35
TOTAL %	76%	26%	12 1/2%	18%
FORMULA NBC	17x5x8= 680 107 79 90 77 111 464 680⌐464	17x2x8= 272 12 59 71 272⌐71	17x3x8=408 10 8 53 71 408⌐71	17x4x8=544 79 10 7 21 117 544⌐117
TOTAL %	68%	26%	17%	21 1/2%
FORMULA INDIVIDUAL FITNESS	1x5x8 = 40 7 0 5 2 4 23 40⌐23	1x2x8 = 16 0 2 2 16⌐2	1x3x8 = 24 1 1 1 3 24⌐3	1x4x8=32 5 1 1 8 32⌐8
TOTAL %	57 1/2%	12 1/2%	12 1/2%	25%
FORMULA CAMOUFLAGE COVER CONCEALMENT	4x5x8 = 160 30 19 22 27 37 135 160⌐135	4x2x8=64 0 21 21 64⌐21	4x3x8=96 3 4 8 15 96⌐15	4x4x8= 128 19 3 4 26 128⌐26
TOTAL %	84%	33%	16%	20%

PERCENTAGE LANGUAGE SKILL
MOS 11C

	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Total Points	5 = 100%	2= 100%	3= 100%	4=100%
INDIVIDUAL TECHNIQUES	11 x 5 x 5 = 440 64 49 56 58 40 237 — 440|237	11 x 2 x 8 = 176 10 37 47 — 176|47	11 x 3 x 8 = 264 3 10 25 38 — 264|38	11 x 4 x 8 = 352 49 3 10 10 72 — 352|72
Total %	54%	27%	14%	20%
INTELLIGENCE	11 x 5 x 8 = 440 52 48 46 30 57 233 — 440|233	11 x 2 x 8 = 176 12 39 51 — 176|51	11 x 3 x 8 = 264 3 5 24 32	11 x 4 x 8 = 352 48 3 5 10 66
AL %	53%	29%	12%	19%
NAVIGATION	14 x 5 x 8 = 560 85 76 76 67 135 439 — 560|439	14 x 2 x 8 = 224 14 53 67 — 224|67	14 x 3 x 8 = 336 10 90 100 — 336|100	14 x 4 x 8 = 448 76 10 90 35 211 — 448|211
AL %	78%	30%	30%	47%
M16 AIRFLE	5 x 5 x 8 = 200 34 25 33 34 38 164 — 200|164	5 x 2 x 8 = 80 7 18 25 — 80|25	5 x 3 x 8 = 120 5 5 16 26 — 120|26	5 x 4 x 8 = 160 25 5 5 8 43 — 160|43
AL %	82%	31%	22%	27%

104

MOS 11C

	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
	5 = 100%	2= 100%	3= 100%	4=100%
M203 GRENADE LAUNCHER	5×5×8=200 33 21 25 30 30 139 200|139	5×2×8=80 5 13 18 80|18	5×3×8=120 2 4 9 15 120|15	5×4×8=160 21 2 4 5 32 160|32
AL%	69.5%	22.5%	12.5%	20%
LIGHT ANTITANK WEAPON (LAW)	3×5×8=120 23 14 17 23 23 100 120|100	3×2×8=48 4 10 14 48|14	3×3×8=72 2 3 8 13 72|13	3×4×8=96 14 2 3 5 24 96|24
TAL%	83%	29%	18%	25%
CALIBER .45 PISTOL	2×5×5=50 9 5 9 9 9 41 50|41	2×2×5=20 2 3 5 20|5	2×3×5=30 1 2 2 5 30|5	2×4×5=40 5 1 2 2 10 40|10
	82%	25%	17%	25%
50 CAL MACHINEGUN (MECHANIZED UNITS ONLY)	5×5×5=125 29 19 9 20 27 104 125|104	5×2×5=50 5 4 9 50|9	5×3×5=75 4 5 5 14 75|14	5×4×5=100 19 4 5 0 28 100|28
	83%	18%	19%	28%

PERCENTAGE LANGUAGE SKILL
MOS 11C

	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
	5 = 100%	2= 100%	3= 100%	4=100%
HAND GRENADES	3×5×8=120 21 13 17 19 20 90 120⟌90	3×2×8= 48 3 10 13 48⟌13	3×3×8 = 72 1 3 3 7 72⟌7	3×4×8 = 96 13 1 3 0 17 96⟌17
FL%	75%	27%	10%	16%
MINES	4×5×8 = 160 24 18 22 22 25 111 160⟌111	4×2×8 = 64 5 10 15 64⟌15	4×3×8 = 96 2 4 6 12 96⟌12	4×4×8 = 128 18 2 4 0 24 128
AL%	69%	23%	12.5%	19%
DEMOLITIONS	6×5×	6×2	6×3	6×4
FORWARD OBS. AVER PROCEDURES	4×5×7 = 140 12 14 15 17 22 80 140⟌80	4×8×7 = 56 0 15 15 56⟌15	4×3×7 = 84 8 8 16 32 84⟌32	4×4×7 = 112 14 8 8 14 112
	57%	27%	3[illegible]%	39%

MOS 11C

	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
	5 = 100%	2= 100%	3= 100%	4=100%
M16 -PLOTTING BOARD	2×5×6 = 60 10 10 9 10 7 46 6|46	2×2×6 = 24 0 10 10 24|10	2×3×6 = 36 2 4 9 15 36|15	2×4×6 = 48 10 2 4 7 23 48|2
	77%	42%	42%	48%
COMMUNICATIONS	14×5×	14×2	14×3	14×4
WHEELED VEHICLES	8×5	8×2	8×3	8×4
TRACKED VEHICLES	8×5×8 = 320 44 26 45 32 49 196 320|19	8×2×8 = 128 3 21 24 128|24	8×3×8 = 192 9 4 19 32 192|32	8×4×8 = 256 26 9 19 16 74 256|19
	61%	19%	17%	30%

PERCENTAGE LANGUAGE SKILL
MOS 11C

	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
	5 = 100%	2= 100%	3= 100%	4=100%
MORTAR	6x5x6 =180 30 23 28 180|131 20 30 131	6x2x6 = 72 0 16 72|16 16	6x3x6 =108 5 0 17 108|22 22	6x4x6 = 144 23 5 0 8 144|36 36
	73%	22%	20%	25%
FIRE WITHOUT AN FDC	3x5x4 = 60 12 9 12 60|55 10 12 55	3x2x4 = 24 0 6 24|6 6	3x3x4 = 36 3 0 36|9 6 9	3x4x4 = 48 9 3 48|15 0 3 15
	92%	25%	25%	31%
LEADERSHIP + TRAINING	5x5x6 =150 17 21 17 150|96 19 22 96	5x2x6 = 60 4 13 60|17 17	5x3x6 = 90 4 7 13 90|24 24	5x4x6 =120 21 4 7 7 120|39 39
	64%	28%	27%	32.5%
81 MM MORTAR SQUAD LEADER (GROUND MOUNTED)	12x5x6=360 57 39 54 360|262 55 57 262	12x2x6 = 144 12 35 144|47 47	12x3x6 = 216 8 0 25 216|33 33	12x4x6 = 288 39 8 0 9 288|56 56
	73%	33%	15%	19%

PERCENTAGE LANGUAGE SKILL

MOS 11C

	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
	5 = 100%	[illegible]	3= 100%	[illegible]=100%
M16 MACHINE GUN LEADER/CARRIER M-60	13x5x6=390 60 42 49 53 64 268 390|268	13x2x6=156 13 37 50 156|50	13x3x6=234 2 18 29 49 234|49	13x4x6=312 42 2 18 10 72 312|72
	69%	32%	21 %	23%
M14 RIFLE/M16 RIFLE SQUAD LEADER (GROUP COUNTED)	10x5x5=250 30 35 25 16 40 146 250|146	10x2x5=100 10 29 39 100|39	10x3x5=150 0 10 16 26 150|26	10x4x5=200 35 0 10 16 51 200|51
	55%	39%	17 %	25.5%
CHAPARRAL MORTAR SQUAD LEADER (SQUAD SQUARED)	10x5x4=200 19 25 17 11 29 104 200|104	10x2x4=80 10 18 28 80|28	10x3x4=120 0 10 8 18	10x4x4=160 28 0 10 0 38 160|38
	52%	35%	15 %	24%
GUIDANCE COMPUTER	10x5x5=250 29 26 24 24 23 129	10x2x5=100 10 21 31 100|31	10x3x5=150 0 16 19 35 150|35	10x4x5=200 28 0 16 11 55 200|55
	51 %	31%	23 %	27.5%
MORTAR COMP	9x5x	9x2x	9x3x	9x4x

APPENDIX 4

This appendix contains the Observation Forms. These forms were taken to the actual training sites. Here, observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in MOS 11C

MOS OBSERVATION FORM

MOS 11C LOCATION FT. Benning, Ga.

TASK # _____ PERSON RECORDING Bastin

SUBJECT DRAGON Gunner

INSTRUCTION

Physical Environment COMMENTS

___1. Classroom

✓2. Open Areas (live fire field, make-up terrain)

___3. Large enclosed area (bleacher sites, warehouse size)

___4. Other (comments)

Instructional Ratio

___1. Instruct or one-to-one/class

✓2. Peer/one-to-one

✓3. Group or Committee group[1]

___4. Small (12 or less)

✓5. Other (comments)

MODES OF INSTRUCTION COMMENTS

___1. Films

___2. Video cassettes

___3. Graphic training aids (diagrams, etc.,)

___4. Illustrations a) requiring reading
b) not requiring reading

___5. Maps

___6. Mock-ups

___7. Models/Simulated

___8. Real equipment

___9. Transparencies

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

111

___10. Tape cassettes

___11. Training publications: a) required
b) available

___12. Signs/notices

___13. P.A. System

___14. Normal Voice

___15. Soldier's Manual

___16. Chalkboard

✓ 17. Other (comments) Slides

MODES OF RESPONSE — COMMENTS

✓ 1. Manipulate equipment

___ 2. Performance

✓ 3. Answers (spoken-written)

___ 4. Signals

___ 5. Taking notes

✓ 6. Teamwork

___ 7. Other (comments) timed performance

STYLES OF COMMUNICATION[2] — COMMENTS

n/a

___1. Formal Speech

✓ 2. Informal Speech

✓ 3. Regional/ethnic

___4. Body language

___5. Profanity

___6. Shop talk/slang

✓ 7. Non-standard English

___8. Other (comments)

A 4-3-11C

[2] Instruction, verbal orders

APPENDIX 5

STRUCTURAL/LEXICAL LIST

This is the final list of structural and lexical items, grammatically named for MOS 11C .
(For discussion, see SectionII)

STRUCTURAL ITEMS

SENTENCES TYPES

1. SIMPLE: One subject and one predicate

   PATTERNS:

   1. Subject and action verb

   2. Subject and action verb and direct/indirect object
      Many things cause burns.

   3. Subject and linking verb and subjective complement
      This is very important.

2. COMPOUND: Two or more sentences joined by:

   1. Coordinating conjunction

      Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

   2. Conjunctive adverb

      Do not start or stop the vehicle while the radio is on or you may damage the set.

   3. Semicolon

      A 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.

3. 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)

   3. Noun (functions as a noun)

INTERROGATIVE

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

DECLARATIVE

EXCLAMATORY

IMPERATIVE

(requests, commands, second person (singualar/plural, negative/affirmative), First and second person (let's)

ELLIPSIS:

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

FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES*

1. PURPOSES

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

2. CONTRAST

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

3. COMPARISON

4. RESULT

The deflection correction is "left", so you add the deflection correction to the new target deflection.

5. MANNER

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.
Split the bracket until fire for effect is possible.

7. PLACE

8. CAUSE

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

9. OPPOSITES

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

3. INFINITIVE

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.

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 (uniflected, third person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
The skin becomes inflamed.

transitive

linking

3. VOICE

active

recognize	appear	has
protect	seek	must be
is facing	secure	wipe
pop. contain	wear	rinse
explode	mask	put brush
sounds	stored	empty
points out	do require	reassemble
seen	could affect	reinstall
		remove

passive

given	are alerted	are authorized
is protected	are reported	be corrected
is sprayed	have been corrected	

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

modal+negative+passive

4. MODALS

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

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

Injury or death could result.

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

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

5. AUXILLIARIES

(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.

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
   adjustable

2. COMPARATIVES
   Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES
   The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE
   Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE
   (nouns and apostrophe)
   Shake the soldier's shoulder and shout, "Are you OK.?".

3. SUBJECTIVE
   This will give you correct nomenclature.

4. OBJECTIVE
   It will also give you the correct functioning.

5. REFLEXIVE
   Keep yourself clear of the muzzle.

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

INFINITIVES His position must be known to survey accuracy plotted on the firing chart, and azimuth indices constructed.

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)

*Negatives
Prepositions
Articles

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

APPENDIX 6

VOCABULARY (in-house)

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

MOS 11C
Task Number: 081-831-1004
Task Title: Perform mouth to mouth resuscitation

GENERAL	BASIC	TECHNICAL
adults	abandon	backbone
airway	adam's apple	breastbone
almost	airtight	finger-width
any	alongside	oxygenated
apply	aloud	
arms	artificial	
as long as	bulges	
assist	cardiopulmonary	
assistance	carotid artery	
available	casualty	
away	CPR	
back	cycle	
backward	deprived	
becomes	difference	
begin	dislodge	
below	essentially	
beneath	exchange	
between	heel	
blades	IAW	
blood	inched	
blows	index	
brain	inflated	
breath	kneeling	
breathing	maintain	
broken	manage	
brought	medic	
but	mouth to mouth resuscitation	
causes	obstruction	
certain	pause	
checking	pinched	
check	pliable	
chest	position	
children	procedure	
circulation	pulse	
clear	ratio	
clothing	resistance	
compressed	respiration	
continue	rotate	
correct	signal	
counts	victim	
covers	volume	
damage	vomit	
deep		
deliver		
determine		
does		
during		
ear		
effective		
every		
exaggerated		
exhales		

MOS: 11C
TASK: 081-831-1005
TASK TITLE: STOP BLEEDING

GENERAL	BASIC	TECHNICAL
above	arterial	spurting
absense	artery	
additional	bandages	
after	bayonet	
anything	bind	
applied	casualty	
apply	contamination	
area	digital	
arm	dressings	
around	flexible	
arterial	forehead	
artery	frecture	
as soon as	last result	
attached	LAW	
attempt	limb	
available	loop	
being	medic	
below	missle	
bleeding	pad	
bone	personnel	
break	pulse	
broken	rag	
can	scabbard	
careful	scalp	
cahpter	securing	
check	splinted	
clean	pl	
cloth	spurt	
clothing	square knot	
continues	standard	
cover	stick	
cut	temple	
dirty	thigh	
elbos	thumb	
elevation	tourniquet	
ends	treatment	
enough	unwinding	
enters	wound	
envelope		
exits		
facility		
farther		
feel		
field		
finger		
firmly		
first		
aid		
flexible		
flow		
folded		
for		

TASK: 081-831-1005

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

TASK: 081-831-1005

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

MOS: 11C
TASK: 081-831-1006
TASK TITLE: IDENTIFY SIGNS OF AND TREAT FOR SHOCK

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

TASK: 081-831-1006

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

TASK: 081-831-1006

GENERAL	BASIC	TECHNICAL
soldier		
splint fracture		
suitable		
task		
than		
thirst		
tired		
turned		
unconcious		
upper		
vary		
waist		
warm		
warning sign		
weather		
wet		
worse		
yet		

MOS: 11C
TASK: 081-831-1007
TASK TITLE: SPLINT A FRACTURE

GENERAL	BASIC	TECHNICAL
across	arm pits	
against	bandages	
already	bind	
anyway	board	
applied	casualty	
apply	celan dressing	
as well as	closed	
attempt	field expedient splint	
available	fractured part	
below	grasp	
bent	IAW	
between	immobilized	
bleeding	impaired	
blood vessel	improvised	
bone	joint	
break	leafy vegetation	
building	lifesaving measure	
burning	medic	
changing	open fracture	
circulation	overlying	
collect	padding	
cover	performance measure	
cutting	personnel	
elbow	poles	
enemy fire	poncho	
etc.	qualified	
extend past	razor sharp edge	
given	shelter half	
individual	sling	
injured	splint	
items	splinted arm	
jacket	"splint them where they lie"	
joint	square knot	
life	sticking through	
material	sticks	
medical	tissue	
moving	tree limb	
muscle	unloaded rifle	
must		
necessary		
nerves		
pain		
part		
performed		
person		
personnel		
pocket		
points		

TASK: 081-831-1007

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

MOS 11C
092-503-2007
Ignite smoke pots

GENERAL	BASIC	TECHNICAL
conceal	expose	adhesive tape
draw	position	binding post
envelope	strip off	clamp
given		electric squib
move away		filling
pulling		ignite
rapidly across		M1 smoke pot
remove		M5 smoke pot
requirement		match head
upward		scratcher block
		simulated combat environment
		smoke pot
		starter mixture handle

MOS: 11C
TASK: 051-202-1001
TASK TITLE: CAMOUFLAGE/CONCEAL SELF AND INDIVIDUAL EQUIPMENT

GENERAL	BASIC	TECHNICAL
accessories	attract enemy attention	buddy system
add	background	burnt cloth
altered	break up	crankcase oil
appear to be	burlap	desert dry area
appropriate	camouflage	disruptive paint pattern
applying	charcoal	expedient bands
areas	cloth	firing
as follows	conceal self	garnishing
blend	dyed	helmet
cause	equipment	insertion
check	exposed	LBE
cheekbone	guide	load bearing equipment
chin	improvised cover	loam light green
closely resemble	individual	mud and grease
complete	irregular	old inner tube
curved shape	issued	residue
dark color	inteference	rubber bands
daylight	live vegetation	sand light green
during	mud	sighted
easily identified	natural oil	slits
eyes	outlines	snow covered green
forehead	paint stick	strained
given	pattern	terrain
light color	predominent	vegetated region
little imagination	reflect light	
mattress	sandbag	
mixture	skin	
nose	snowsuit	
part of background	strained	
several ways	striking feature	
shade	strips	
shadow	uniform	
sheet	weapon	
shiny area		
snow covered		
within		
worn		
wrapping		

MOS: 11C
TASK: 051-202-1002
TASK TITLE: CAMOUFLAGE/CONCEAL EQUIPMENT

GENERAL	BASIC	TECHICAL
additional	approaching soldier	blend with terrain
already	blend	caliber
approximately	buddy	camouflage
area	camouflage	directed fire
before & after	cut corners	drying foliage
blend with terrain	defensive position	enemy
break up outline	drying foliage	foxhole
built	expose	handgrenade range
camouflage	field	needs watching
carry	found near your position	obvious
circle (v)	foxhole	parapet
conceal	from far to the rear	poncho
conceal dirt	of position	proposed parapet location
completed position	handgrenade range	some activity
constantly	insure	surrounding terrain
construction	litter	tactical situation
cuts	limited visibility	
detect	meters	
dig	parapet	
disturb	poncho	
driver	root structure intact	
during daylight	sod	
either	surrounding terrain	
expose light from the rear	tactical situation	
good chance of growing	vegetation	
holes	visible trail	
hours of darkness		
if possible		
in such a manner		
insuring		
insure		
look natural		
low bushes		

TASK: 051-202-1003

GENERAL	BASIC	TECHNICAL
look		
low		
manner		
meter		
moist		
natural		
noise		
observer		
obvious		
outline		
particularly		
permit		
pinpoint		
place		
pond		
prevent		
proposed		
range		
real		
remove		
replace		
road		
root structure		
see		
short		
sod		
soil		
stream		
sufficient		
terrain		
trail		
untrained		
vehicle		
visibility		
visible		
wet		

MOS 11C
071-329-1018

Determine direction using field expedient methods

GENERAL

almost
assit

cast

depend upon
depends on
detached
determine
direction
distinct
draw

fairly

half way
have become

location

on what time of the year

perform
petty good
prove

seldom
sun
surface

temporily

vertically
very

without

BASIC

best suited

compass

disoriented

eastern
equator

geographic location

horizon
hour hand

in a pinch (slang)

lie due E

materials

northern hemisphere
north star (polaris)

other means

perpendicular
performance measures

shadow tip
southern hemisphere
stick
stone

twig

unit

western

TECHNICAL

compass

field expedient methods

shadow tip method

MOS: 11C
TASK: 071-311-2001
TASK TITLE: PERFORM OPERATOR MAINTENANCE ON AN M16A1 RIFLE, MAGAZINE, AND AMMUNIT

GENERAL	BASIC	TECHNICAL
abrasive	action spring	
allow	ammunition	
aluminum	armorer	
amount	assembly	
apply	ball	
arctic	barrel	
area	barrel extension	
assemble	base clatch	
assembly	bipod	
authorized	blank	
available	bolt	
badly	bolt carrier	
barely	bolt ring	
behind	bore	
bent	bore brush	
body	bullet	
bloom	buffer	
broken	cam pin	
busted	carrier	
carbon	carrier key	
care	cartridge	
case	cartridge rim	
caution	catch	
check	catch button	
chip	chamber	
clean	cahrging handle	
cleaning	clear	
close	cocked	
cloth	combat	
coat	company supply	
coldest	crud	
component	drain hole	
condition	dummy	
conduct	extractor	
consecutive	extractor pin	
contain	eyeball	
cool	firing	
corroded	firing pin	
corrosion	flash suppressor	
crack	follower	
damage	gas tube	
day	gig	
defective	group	
dented	hammer	
depend on	handguard	
deposit	lock	
depress	locking lug	

TASK: 071-311-2001

GENERAL	BASIC	TECHNICAL
depress	lower reciever extension	
direction	lug	
dirt	magazine	
dirty	magazine catch	
disassemble	magazine well	
disassembly	pipe cleaner	
d own	piston ring	
drop	pivot pin	
dry	powder fouling	
edge	receiver	
end	retainer	
engage	retaining pin	
engagement	rifle	
enough	rifle bore cleaner	
especially	rifle bore cleaning compound	
equipment	ring gap	
excessive	round	
expendable	safe	
exposed	sarge	
estend	selector	
extreme	semi	
eye	sights	
fall	sling	
fallout	slip ring	
film	small arms	
fis	stock	
finger	take down pin	
foreign matter	tracer	
forward	trigger	
fracture	trigger mechanism	
function	tube	
further	upper receiver	
gas	vent hole	
generous	weapon	
generously	wire brush	
give		
guide		
halt		
ahnd		
heat		
heavy		
hold		
hole		
inner		
insert		
inside		
inspect		
insure		
instructions		

TASK: 071-311-2001

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

TASK: 071-311-2001

GENERAL	BASIC	TECHNICAL
removal		
remove		
replace		
return		
reverse		
rust		
sarge		
seat		
see		
semi		
separate		
sides		
silicone		
sights		
slide		
specifications		
split		
spread		
spring		
stagger		
stock		
stop		
surface		
switch		
tab		
thoroughly		
through		
tip		
top		
try		
turn		
type		
under		
unlocked		
upper		
use		
violet		
visible		
warning		
wipe		
worn		

MOS: 11C
TASK: 071-311-2003
TASK TITLE: LOAD, REDUCE A STOPPAGE AND CLEAR AN M16A1 RIFLE

GENERAL	BASIC
accomplish	a round
all the way	actual combat
apply	ammunition
clear	assembled
check	bolt
contact with	bolt assembly closed
depress	bolt assembly open
eliminate	bolt catch
engages	case/cartridge
fails to	cease
feel less	cleaning
get hurt	chamber
given	charging handle
holds	cock off
however	during training
immediate	ejection of
in safe direction	eyeball (v)
insure	feed
load	fire
make sure	forward assist
minutes	fully forward and locked
near	fully rearward
only applicable	hammer
open	hot barrel
performance	hot chamber
performing	in accordance with
place	in garrison
place..on	in the field
place	jammed cartridge case
point(v)	lever
pointing	live blank
pull	live firing requirements
push upward	load
real	loaded
reduce	lodged
release	magazine
safe direction	magazine catch
seconds	muzzle
simulated	M16 rifle
task	new round
trouble	observe
turn...in	obstruction
upward	on safe
use immediate action	operational H16
warning	performance measure
within	pop

MOS: 11C
TASK: 071-311-2004
TASK TITLE: BATTLESIGHT ZERO AN M16A1 RIFLE

GENERAL	BASIC	TECHNICAL
acceptable	adjustable	
against shoulder	ammunition	
aiming	analysis card	
any manner	aperture	
appears to	base of white cutaway	
arrow marked up	basic elements	
as indicated	battlesight zero	
below	bisect	
center	black rectangle	
centered on		
circle		
concerned with		
consist of		
corrected		
daylight		
desired direction		
detected		
drawn through		
exactly		
front		
given		
hit		
imaginary horizontal line		
imaginary vertical line		
in the chart		
included		
insures		
move to left		
move to right		
normal conditions		
obtained		
permits		
place, at(v)		
rear		
reverse		
rotate		
rotating		
series of		
split (v)		
support		
target		
top center		
touch-fall within		
turn clockwise		
turn counterclockwise		

MOS: 11C
TASK: 071-311-2007
TASK TITLE: QUALIFY WITH THE M16A1 RIFLE

GENERAL	BASIC	TECHNICAL
achieve	ammunition	
administration	arms qualification	
against	barrel	
appendix	bolt	
attain	bolt assembly	
authorized	bolt group	
awarded	bore	
banging	bullet	
burn	butt stock	
can	caliber	
cause	cam pin	
certification	cartridge case	
check	chamber	
component	clear	
condition	cook-off	
contact	direct support maintenance	
could	engage	
counts	expert	
course	fire	
credit	fired	
damage	firing	
dangerous	firing range	
daylight	firing table	
described	go	
difference	live round	
direction	low light level sight system	
distance	magazine	
during	marksman	
each	muzzle	
either	no go	
equipped	non [illegible]	
evaluation	powder grain	
exchange	practice firing	
experienced	promethium	
explode	propellant	
exposure	qualification	
fast	qualify	
follows	range	
for	receiver	
free	recoil	
ground	record fire	
harm	record score card	
hits	record range	
hot	retract	
however	rifle	
inch	round	
included	sharpshooter	

TASK: 071-311-2007

GENERAL	BASIC	TECHNICAL
incomplete	sights	
indicate	qualification	
installed	qualify	
keep clear	range	
known	receiver	
lodged	recoil	
manufactured	record fire	
millimeter	record score card	
minimum	record range	
minute	retract	
neither	rifle	
night	round	
noticeable	sharpshooter	
only	sights	
outlined	skill qualification test	
performance	specs	
pointing	target	
points	unqualified	
portion	weapon	
possible	zeroed	
possibly		
procedure		
rating		
record		
remove		
requirement		
resuming		
safe		
score		
second		
situation		
slowly		
sound		
still		
stop		
training		
total		
try		
turn in		
unburned		
unloc		
use		
wait		
warning		
water		

MOS 11C
071-311-2101
Perform operator maintenance on M203 grenade launcher and ammunition

GENERAL	BASIC	TECHNICAL
allowed	ammunition	ammo high explosive (HE services 40MM)
apply	bore brush	ammunition
appropriate	dry cleaning solvent acid	armorer
attach	foreign matter	barrel
back together	functions check	barrel latch
below of	heavy coat of	barrel stop
care of	IAW performance	bore
clean	IAW TM 9-1310-202-12	bore brush
crud	inspect	breech insert
danger	inspection	breeched
denotes	launcher	burn time
dirt	launcher rounds	clock launcher
dry	light coat of	corrosion preventives
dust	live rounds	crud
each time	LSA lubricant	dirt
elsewhere	lubricant	dry cleaning solvent
exterior	maintance	dust
face of	measures	elevation adjustment screw
fahrenheit-35	M11-L-141078	fire position
free of	operator	firing pin
given	practice rounds	functions check
grease	rags	grease
grime	rifle bore cleaner	grime
IAW	standards	hand guard
insofar	unserviceable	knurled screw
inspect	unspecified	launcher
lift up	"WHERE IT'S ALL AT"	leaf sight
loosening	working parts	leaf sight adjustment screw
make sure		live rounds
merely		LSA lubricant
oil		magazines
perform		military lubricant
portion		muzzle end
press		M16A1 rifle
properly		M203 grenade launcher
pull it through		M11-L-141078
pullto		MIL-L-4600A lubricating oil
replace		M 407 A1
reverses		oil

MOS 11C
071-311-2101

GENERAL	BASIC	TECHNICAL
surfaces		practice rounds
temperatures		quadrant sight
temporary		rags
to pass		receiver
turned in		rifle bore cleaner
turn it in		round
unspecified		safe position
warning		safety
whichever		semi-fluid automatic weapon(L
wipe		sears
within		serial number
		star cluster
		training practice
		trigger
		weapons lubricating oil
		XM 585
		XM 663
		XM 664
		XM 583
		XM 661
		XM 662
		zeroed

MOS: 11C
TASK: 071-311-21-2
TASK TITLE: LOAD, UNLOAD, AND CLEAR THE M203 GRENADE

GENERAL	BASIC	TECHNICAL
cleaning	ammo	casing
click	barrel	grenade
eject	breech	high explosive
extract	chamber	launcher
in accordance with	cartridge	
load	case	
prior	down range	
rearward	latch	
rod	muzzle	
tapping	oil	
undented	rifle	
unload		

MOS: 11C
TASK: 071-311-2103
TASK NAME: ZERO AN M203 GRENADE LAUNCHER

GENERAL	BASIC	TECHNICAL
align	barrel	confirming round
assembled	cartridges	folding sight leaf
back off	elevation adjustment screw	leaf sight
center mark	fire a round	leaf sight blades
clockwise	firing range	leaf sight zeroing
conjunction	front sight post	M203 grenade launcher
consecutive	gunner	M16A1 rifle
counter clockwise	index line	near sight aperature
denote	mounted on	quadrant sight
depressing	notch (on a device)	range selection
elevation	observe the impact	sight aperature
emplasize	point of aim	sight arm
enable	prone position	sight base
fold out	retainer (on a device)	sight latch
functioning	rounds	strike of a projectile
individual	sight adjustments	strike of the round
land (v)	target	unzeroed
landed (hit the target)	trajectory	windage adjust screw
loosen	warning	windage sight
obtain	windage scale	setting
opportunity	50-meter increments	zero in
position	(HE)(TP) ammunition	zeroing
procedures		
slide in		
supported		
upright		
vertical		
200-meter increment		

MOS 11C
071-311-2104
Engage targets with an M203 grenade launcher and apply immediate action to reduce a stoppage

GENERAL

action
apply

broken

catch
circumstances

delay
depends upon
due to

engage
engaged
examine
extreme

given
ground

hit

insure

make certain
maximum
minimum

observed

permit
positive
pressed

reduce

select
sense
shifts
shoulder
slightly

vision

warning
weapon
window
within
worn

BASIC

a hit (n)
aim

bursts

casualty radious of
cleared from the area
concentrate
controlled breathing

defective
deflection
dented
determination
deviation sensing
disposed of
doubtful
due to

ejected
ejector
engagement
exercise
explodes
eye focus

failure to fire
fault
field of view
fire (v)
firer
firing
firing mechanism
"FIRE" position
flash suppersor

grenadier

igniting
instantaneous

line of fire

macnine screw loose
M203 grenade launcher
modified

obstacles
over

TECHNICAL

area target

bunker opening

combat
controlled breathing

dented
disposed of

eye focus
extractor

failure to chamber
failure to cock
failure to eject
failure to extract
failure to fire

fault
field of view
fire
"fire" positon
firer
firing pin wheel spring
follower assembly

grenaidier

hangfire
hit (n)

line of fire
live fire range

maximum

point target
position
practice rounds
propellant charge

range
range determination
range sensings
receiver
receiver cavity
reloaded

MOS 11C
071-311-2104

GENERAL

BASIC

performance measures
portion
precautions
primer
procedures
propellant charge
protective

range correct
range determination
range sensings
recvier
reloaded
residue

safety (n)
sensing
shout
shout "HANGFIRE"
Shout "Misfire"
sight alinement
sighting (n)
sight mounting
sight picture
sling branches
squeeze
stock of weapon

target
targets
trigger
trained on the target

with respect to weapon

TECHNICAL

sensing
shout "MISFIRE"
sight alignment
sight picture
squeeze
stock of weapon

target
targets
trigger
trained
trained on the target
troops

undcrarm firing position

vehicle/weapons emplace-
  memt

window opening

MOS 11C
071-311-2105
USE LIMITED VISIBILITY FIRNG TECHNIQUE WITH THE M203 GRENADE LAUNCHER

GENERAL

adjust
assigned
construst
creating
daylight
determine
distance
earth
extend
hit
hole
if necessary
methods
permits
place out
pointed out

BASIC

"ACT OF"
buttplate
dead space
elevation angle
estimate
field location
forked stick
grenadier
methods
muzzle pointing
pacing
performance measures
range
rounds
scoop out
sector of fire
squad leader
targets
visibility

TECHNICAL

aiming stakes
avenuses of enemy approa
barrel assembly
butt plate
deadspace
deflection angle
deflection stakes
drive a stake
elevation stakes
enemy assault positions
firing stakes
grenade launcher
grenadier
M203 Grenade launcher
muzzle pointing
pacing
quadrant sight
range
recoil stake
rounds
sector of fire
sight picture
small of the stock
targets
toe of buttplate
visibility firing techniq

MOS 11C
071-318-2201
Prepare an M72A2 LAW for firing restore M72A2 to carrying configuration

GENERAL

caution
check
conduct

damaged
discard

exert
extend

fold down
fully

get out of
given
grasp
grasping
guide

hold down
hold in place

inspect
insure

place on
preparation
press

remove
replace
restore
rotate

sharply
shoulder
slightly

thumb

verify

within

BASIC

arm
"ARM" position
arming

backblast

collasped
collaspe
compress
configuration

detent boot

expended LAW

fall free
firing
firing position

grasp

hinge
hook spring
housing

inner tube cover
intact

launcher
lip on front sight
lug

M72A1 LAW

performance measures
pre firing
protades
pull pin

rear cover

safe
safety handle
safety inspection
seals
short end/long end
sights
sling assembly
slot
snap
squeeze

TECHNICAL

arm
"ARM" position
arming

backblast area

cracked
crushed

data plate
detent boot

expended law

firing
front sight

hinge
hook springs

launcher
launcher tube

M72A2 LAW

pull pin
puncured

rear cover
real sighting housing

safe
safety handle
seals
sights
sling assembly

trigger safety handle

web straps
"WITH COUPLER"

MOS 11C
071-318-2201

GENERAL

BASIC

TECHNICAL

visual

web straps
"with coupler"

MOS 11C
071-318-2202
Engage Targets with an M72A2 LAW

GENERAL

achieve
aided
applying
appropriate
available

bar

center
combination
curved

daylight
drawing

engage
erected

given

located

rough

suitable

to serve

unique

BASIC

alines

defensive sector

engagement
erected
estimating

finger tips
firer
firing range
flank
flip-up leaf
frontal

gunner

imaginary
increments
indexed

lead crosses

M72A1 LAW
M19D Subcaliber

oblique targets
oblique view

paced off

rounds

sights/rear front
stadia lines
stakes

targets
target mass
terrain
trigger squeeze

TECHNICAL

defensive sector

firer
firing range
flank
flip-up leaf
frontal

gunner

lead crosses

M72A2 LAW
M190 Subcaliber
M73 rockets/device
moving target phase

oblique view

range/sector card
rounds

sights/rear, front
stadia lines
stationary target phase

targets
terrain

vertical range line

MOS 11C
071-318-2203
Apply immediate action to correct a MAL function on an M72A2 LAW

GENERAL	BASIC	TECHNICAL
aim	aim	aim
apply	arm	attempt to fire
arm	attempt to fire	firning mechanins misfire
check	backblast	M73
collapse	battle field	M190 subcaliber device
	bent position	primer cap
darkness		primer housing lock pin
daylight	engage	resqueeze
dented		round
depress	firing mechanism	safe
discard	functioning	shout misfire
		trigger bar
engage	IAW	trigger safety handle
fails	M73	
functioning	M72A2 LAW	
	M190 subcaliber device	
insure	misfire	
intact		
	performance measures	
malfunction	poses a threat	
	primer cap	
re-extended	primer housing door	
shoulder	resqueeze	
subsequent	round	
tube	safe	
	safety precautions	
unit	shoot misfire	
within	tirgger handle	
	t ained on	
	trigger bar	
	weapon	

GENERAL ENGLISH	BASIC MILITARY	TECHNICAL
a		
arising	grease	engine oil
large	light rust	SAE 10
parts	preventive compounds	preservation oil
use	weapons	safety lock
small	as a bath	slide
general purpose	lubricate	slide stop
cannot	metal surfaces	normal grip
obtained	inspected	grip safety
frequently	assemble	inspect chamber
fall	conduct furniture check	slideout (v)
should	depress	engage safety
holding	to the rear	receiver
lift out	release	recoil spring
	push down	recoil spring guide
	hammer	barrel bushing
	remain cocked	magazine assembly
	pull the trigger	recoil spring plug
	(hammer) should fall	receiver group
	magazine	slide group
	clear weapon	align notch
		press up and in
		lock

MOS: 11C

Task #: 191-376-0105

Task: Maintain a .45 Caliber Pistol

GENERAL ENGLISH	BASIC MILITARY	TECHNICAL
given	maintain	.45 caliber pistol
one	magazine	face of the slide
volatile	CR solvent	
mineral spirits	cleaning compound	
paint thinner	rags	
dry cleaning	lubricating oil	
compound solvent	PL special	
clean	within 1 minute	
cottn	clear	
free of	disassemble	
fall	rust	
usable	dirt	
temperatures	grime	
20°F and higher	grit	
hot	corrosion	
soapy	lubricated	
water	surface	
dry	coated with	
thoroughly	thin coat	
	oil	
	reassembled	
	functions check	
	completed	
	engage targets	
	bore	
	firing	
	solution	
	barrel	
	light	
	coat of oil	
	remove	

: 11C

sk#: 191-376-1004

sk: Engage Targets with a .45 Caliber Pistol

NERAL ENGLISH	BASIC MILITARY	TECHNICAL
iven	engage targets	.45 caliber pistol
on	loaded	hold the pistol
mediately	ammunition	
ithin ___ seconds	requiring a target	
mediate	reduce ___ stoppage	
pply ___ action	apply fundamentals	
ny	quick fire	
ithout	grip	
he use	sights	
st act	non firing hand	
xtension of arm	shooting hand	
orm a "V"	with sights in line	
humb	firing arm	
orefinger	trigger finger	
lace	trigger	
rap		
ower		
ingers		
utting		
qual pressure		
traight to the rear		
igh alongside		
an be pulled		
ightly		
ntil		
and		
egins		
remble		
elax		

GENERAL ENGLISH	BASIC MILITARY	TECHNICAL
relax	solid grip	place weapon
to the point		bisect arm
trembling	stance	thumb high
stops	ready position	thrust...forward
at this point	point	shooting arm
(you are) applying		pull
neccessary pressure	chamber a round	safe position
(are) relaxed	look at	safety lock
must be	center of the target	straighten...arm
reapplied	using the sights	lock...elbow
feet...apart	point at	rotate
comfortable	if pointing	slide...not fully forward
distance	apply pressure	release the slide
bend knees	evenly and firmly	clear the pistol
slightly	weapon fire	raise pistol position
without	apply action	
as you would	recock	
(your)finger	eject the round	
as soon as	chamber a new round	
s follows	trigger guard	
ry	push...forward	
wait	move forward	
10 seconds	remove	
again	inspect	
attempt	insert	
achieve	to fire	
task	go forward	
min. score	revolvers	

MOS: 11C
TASK: 071-313-3451
TASK TITLE: PERFORM OPERATOR MAINTENANCE ON A CALIBER .50 HB M2 MACHINE GUN AND AMMUNITION.

GENERAL

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

BASIC

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

TECHNICAL

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

MOS: 11C
TASK: 071-313-3451
TASK TITLE: PERFORM OPERATOR MAINTENANCE ON A CALIBER .50 HB M2 MACHINE GUN AND AMMUNITION.

GENERAL	BASIC	TECHNICAL
engage	rifle	NONE
entire	rounds (n)	
etc.	SOP (standing operations	
every	procedures	
evidence	special	
examine	tarpaulin	
exert	temporary	
explain	thin	
exposed		
exterior		
extreme		
feel		
follow		
following		
forward		
free from		
free of		
frequency		
frequently		
from		
further		
grasp		
halfway		
high speed		
hold (have)		
hot		
however		
humid		
idcal conditions		
if		
immediately		
important		
including		
injure		
in place		
insert		
inside		
instrumental		
keep clean		
keep covered		
least		
left		
left corner		
left hand		
less		
lift		
lit		
longer		
lower		
low temperature		
make sure		
more		

MOS: 11C
TASK: 071-313-3451
TASK TITLE: PERFORM OPERATOR MAINTENANCE ON A CALIBER .50 HB M2 MACHINE GUN AND AMMUNITION.

GENERAL	BASIC	TECHNICAL
moving parts	NONE	NONE
must		
necessary		
need		
never		
next to		
normal temperature		
not		
occur		
off		
on the ground		
operate		
out of		
over		
overall		
palms down		
perform		
permit		
place (v)		
pointed		
preparation		
pressure		
prevent		
proper		
properly		
providing		
pull		
pull out and up		
push		
push down		
push in		
quick		
rain		
ra		
rear		
recommend		
release		
remove		
replace		
ride		
rust		
separate		
signs of rust		
slam forward		
slight		
slip		
slowly		
soapy		
some sort of		
storage		
store		
straight up		

MOS: 11C
TASK: 071-313-3451
TASK TITLE: PERFORM OPERATOR MAINTENANCE ON A CALIBER .50 HB M2 MACHINE GUN AND AMMUNITION.

GENERAL	BASIC	TECHNICAL
sweating	NONE	NONE
sweat out		
system		
take care		
take steps		
there		
thin coat		
to be sure of		
together		
top of		
treat		
tropical climate		
turn		
under		
unlock		
unscrew		
until		
unusual		
up		
warm		
wash off		
weather		
when		
whether or not		
working surface		

MOS: 11C
TASK: 071-313-3152
TASK TITLE:

GENERAL

adjust
during daylight
hits (v)
lay (v)
machine gun
note
place
re-lay
select
target

BASIC

NONE

TECHNICAL

alined
aline windage index
caliber 50 HB M2
confirming round
expended
50 caliber machine gun
fire (v)
front sight blade
IS round bolt
live fire range
look through
M-3 tripod mounted
meters
point of impact
rear sight

single shot
target/zero
tracer ammunition
traversing & elevating (T & E) mechanism
windage, elevation

MOS: 11C
TASK: 071-313-3453
TASK TITLE: LOAD, REDUCE A STOPPAGE, UNLOAD, AND CLEAR A CALIBER .50 MACHINE GUN.

GENERAL	BASIC	TECHNICAL
accomplish	ammunition	automatic
assemble	assembled	bolt
attempt	barrel	ejected
caution	belt	extractor
cleared	caliber	handle
damage	chamber	linked
ease	cleared	retracting
eliminated	cold gun	slide
immediate	cook-off	
injury	double-loop	
inserted	dummy	
insure	eject	
investigate	feedway	
jerk	fire	
life	half-loaded	
manually	inspect	
observe	load/unload	
occurs	machinegun	
perform	relay	
preclude	remedial	
press	round	
reduce	shot	
release	stoppage	
	target	
	trigger	
	T-shot	
	weapon	

MOS: 11C
TASK: 071-313-3454
TASK TITLE: ENGAGE TARGETS WITH A CALIBER .50 MACHINE GUN.

GENERAL	BASIC	TECHNICAL
adjust	aiming	aim
approximately	ammunition	caliber
chest	belt	center
daylight	bullets	cupola
dust	burst	depth
elbows	caliber	grips
entire	cover	lead
firmly	"deep" targets	linear
grasp	engage	mass
greatest	fire	meters
immediately	flank	mounted
lack	gunner	mph
lays	lengths	point
position	live-wire	sights
raised	machinegun	spade
remainder	meet	traverse
searches	position	
sides	range	
stationary	searches	
thrust	sightings	
to steady	strike	
vehicle	targets	
	tracers	

MOS: 11C
TASK: 071-313-3455
TASK TITLE: SET HEADSPACE AND TIMING ON A CALIBER .50 MACHINEGUN.

GENERAL	BASIC	TECHNICAL
allowing	barrel	backplate
damage	caliber	barrel
depress	clicks	beveled
depressed	cocked	block
dime	dog tags	bolt
enough	fired	center
enter	firing	extension
exists	guage	extract
expedient	go	extractor
freely	gun	handle
incorrect	headset	measure
inserted	headspace	nut
level	machinegun	pin
loosen	mounted	retracting screw
prevent	no go	ring
proper	notches	slide
raise	rearmost	trunnion
reinsert	recocked	unscrewed
release	set	
released	timing	
replace	t-slot	
rests	track	
thumb	trigger	
	tripod	

MOS: 11C
TASK: 051-192-1502
TASK TITLE: INSTALL AND FIRE/RECOVER AN M18A1 CLAYMORE MINE

GENERAL	BASIC	TECHNICAL
accidential	accessories	actuate
account for	actuate	arrow
aiming	aiming	circuit test
bury	camouflage	composition C4
conduct	cardboard container	connection
disconnect	circuit test	detonated
disturbed	conduct	dust cover
excess	connector	emplaced mine
firm	crimped	emplacing
fixed	detonated	flap
given	detonator well	folding legs
in line	dust cover	FIRE position
indicates	emplaced mine	firing device bail
individual	emplacing	firing wire
install	FIRE position	fragment spray
misalined	firing device bail	groove of the sight
observe	firing position	identification tag
packed in	firing wire	inert blasting cap M-40
pairs of	fixed	instruction sheet
plug	fragment spray	insulation tape
possession	functioning	kill zone
prior to	groove of the sight	lead of an enemy formatio
quick	in line	molded slit-type
recheck	inert blasting cap M40	M57 firing device
recovered	installation site	M40 test set
repacked	kill zone	M7 bandoleer
reroll	knife edge sight	plastic matrix
screw	lead element of an enemy	peep sight
select	formation mine	shipping plug
shoulder	M-7 bandoleer	primary adapter
tie	M18A1 antipersonnel mine	scissors type
unscrew	M 40 test set	
	M 57 firing device	
	out of the way	
	packed in	
	parallel to	
	performance measure	
	plug	
	recovered	
	repacked	
	sand bag	
	shipping plug priming adapter	
	shorting plug end	
	slotted end	
	squeeze	
	unroll	

MOS: 11C
TASK: 051-192-1021
TASK TITLE: LOCATE MINES BY VISUAL MEANS

GENERAL	BASIC	TECHNICAL
across	ambush sites	AT/antivehicle mine
bushes	at intervals	banners
daylight	banners	detonate
dense	bridges	enemy flags
detect	clumps of grass	mines
dirt	detonate	visual means
disturbed	ditches	
dung	enemy flags	
grass	equipment	
junk	fords	
locate	helicopter landing sites	
look for	junk	
paths	mines	
pits	mud smears	
plant growth	rice paddy dikes	
posts	ruts	
roads	skid marks	
route	sunglasses	
ruts	tire marks	
stakes	trails	
sticks	visual means	
strings	washed away	
traps		
villages		
wear		
wilted		

MOS: 11C
TASK: C51-192-1C22
TASK TITLE: LOCATE MINES BY PROBING

GENERAL	BASIC	TECHNICAL
accidental	accessories	aiming point
angle	aim	blasting cap assembly
angle high	align	booby trap markers
attached	area of fire	bury
combination	arrow	chemical mine field markers
conducted	bandoleer	camouflage
container	boyonets	circuit test
cm	Beta lights	chemical mine field markers
deflective	check	company level
desired	concertina fencing	counter mine operation
DIA=diameter	connector	crimped
earth	cover	detonating
edge	coverage	dust cover
exact	designated area	electrical firing wire
gently	downward	electrically-armed
horizontal	flashlights	emplaced
letters	foxhole	exit markers
location	helmets	firing device
meter	immediate vicinity	firing wire
original	install	fragment spray
pair of legs	instruction sheet	"FORWARD TOWARD ENEMY"
parallel	is seated	functional firing
pressure	locate	good circuit
removes	mark it	groove
sense of touch	move on hands and knees	lane entrance
sign	periodically	magnetically influenced
sink	pick or chip	metallic
soil	pistol belts	mines
spread	position your eye	M57 firing device
squeeze	prone	mined terrain
stripe	rearward	mine fields
trust	report it	mine with knife edge sight
unroll	roll your sleeves up	mine with slot type peep sight
unscrew	sight	mine warning sigh
waist high	suspect	non-metallic
wire fencing	uncover	phosphorescent type
	weapons	pressure mine
	45 degrees	pressure prongs
		probe
		probing instrument
		protected
		safety bail
		shielded
		shipping plug primary adapters
		shorting plug end
		slicing tape
		slotted end
		standard lane markings
		test set
		trip wire

MOS: 11C
TASK: 051-102-1501
TASK TITLE: NEUTRALIZE ENEMY MINES

GENERAL

access
additional
attached
a last resort
chances
clear
crater
distance
engaging
extend
given
neutralize
personnel
prepare
situation
surrounding

BASIC

a dummy mine
A-frame
blasting caps
breech
charge weight
demolition procedures
detonated
electrically
emplacement
enemy mines
explosives
expose
field location
flak jackets
graphel
hand placed charges
incendiary material
mine field
neutralize
nonelectrically
performance measures
projection
reproinel side
terrain
time fuze
utilizing
vegetation fires

TECHNICAL

a dummy mine
A-frame
charge weight
C4 or TNT
enemy mines
EOD personnel
explosives
flak jackets
grappling hook
highly sensitive
mine destruction
minefield
neutralization
primary demolition
projection
removal
tilt rod mines
trip wire mines

MOS 11C
051-193-1503
Construct a nonelectric (initiation) detonating assembly

GENERAL

at a point
attach to inspect
available
away from

blow into
bump against
burn

cause (v)
check
closed end
compute
conditions
construct
constructed
convenient
cut (n)

darkness
designed
determine
device
discard
deviding by permit

environmental
explosion
extend forefinger

flattened
foreign matter dirt
force (v)
free entry

grasp
guide (v)

hard object
head of match
hit
hold vertically

in contact
is present

keep slight pressure

length of cut
light (v)
lighting (v)
look into open end

BASIC

IAW
misfire

TECHNICAL

a pull on the striker retaining pin
abrasive on match box
accurate crimping

blasting cap
burning rate

cap box
coating of sealing
completed
compound
crimpers

demolition block
detonate when fired
detonating assembly
detonating the change

expedient igniter

fire end
"FIRE IN THE HOLE"
fired immediately
flash charge
free end of
fuse igniter
fuse retainer

igniter

lighter

match
misfire
M-2 cap crimpers
M-2 fire igniter
M-60 weatherproof

non-electric

performance measures
personnel
plug
powder train
primary adapter

shipping plug
splitting fuse
split collect
square cut end
standard issue

GENERAL	BASIC	TECHNICAL
made squarely across		standard lighter
method		submerged charges
misfire		
moisture		threaded cap wheel
more through		time blasting fuse
note (v)		waterproof seal
		weather proof joint
obtain		
operates effectively		
outer edge		
pass through		
permit		
prevent		
protect from		
protec joint		
positive method		
reach a safe distance		
reduced		
release		
remain in place		
removed		
rest against		
roll it		
rotate		
rubbing		
safety		
seated		
shake gently		
shouted		
similar substance		
slide		
slip gently down		
standards		
sufficently		
tap (v)		
tighten		
twisting		
under		
unscrew		
utilized		
walking at normal pace		
warn		
will be issued		

MOS 11C
051-193-1502
Clear Demolition misfires (above ground)

GENERAL	BASIC	TECHNICAL
above ground	IAW	applicable performance measures
as close to_____ as possible		
attempt to ____again		blasting machine
avoid		breaks
before investigating		connection
below		contracts
cause of		demolition pit
change		disconnect
check		electric detonation
conditions		entire circuit
		explosure force
defined as		
		firing wire
given		
		galvanometer
investigate		
immediately		misfire
		misfired
light		
located		packed around
		premature detonation
make - attempt		primed charge
material		possible state
move		power-source terminals
move back to _____		
		safe area
note (v)		short circuit
		shunt
one pound electric/		
non electric		tamped
		time fuse
place (v)		
prevent		will be cleared
retain		
wait		
without disturbing		

MOS: 11C
TASK: 051-197-1003
TASK TITLE: PRIME A DEMOLITION BLOCK NONELECTRICALLY

GENERAL	BASIC	TECHNICAL
about		adapter
after		admit
any		admit easily
around		assembly
attach		blasting
at the top of		blasting cap
available		block
being		cap well
broken		cahrge
cap		condition
complete		crimper
contain		demolition
do not		demolition block
each		detonate
easily		detonating assembly
end		enlarge
fired		environmental
force		environmental condition
force into		expedient
foreign		explosive
half		foreign
handle		material
hole		fuse
inch		fused cap
inspect		half hitches
knot		hitch
large		insert into
large enough		instrument
leave		loose string
leg		M2 crimper
loose		nonelectric
make		nonelectrically
material		nonsparking
never		pointed handle
note		pointed leg
pointed		pointed nonsparking instrument
powder		position
prevent		powder train
prevent from being		prime
remove		priming
securely		priming adapter
separate		screw into
separate from		threaded
several		threaded cap well
small		time fuse
so		TNT
so that		Well
string		
tie		
tight		
tightly		

TASK: 051-193-1003

GENERAL	BASIC	TECHNICAL
time		
too		
top		
try		
turn		
two		
under		
use		
when		
with		
without		
wrap		
wrap around tightly		

MOS: 11C
TASK: 051-193-1004
TASK TITLE: CONSTRUCT AN ELECTRIC INITIATION DETONATING ASSEMBLY

GENERAL	BASIC	TECHNICAL
above		according to the specificati
according to		acentuate
across		as outlined
activity		assembly
after		at both ends
again		at one end
also		at other end
always		bare wire
an		binding
any		blasting
approximately		blasting activities
as described above		blasting caps
at		blasting galvanometer
at all times-		blasting machine
attach		break a circuit
attempt		broken
avoid		building
away		cap lead wire
bare		caps-all
battery		characteristic
before		charge
body		circuit
both		complicated
break		condition
by		conductor
cannot		construct
cap		defective
care		deflect
cause		deflection
check		discriminate
color		detailed
connect		detonate
connection		detonating
continue		detonating assembly
could		different characteristics
depend on		down range
describe		during blasting activites
different		electrical storm
dirty		electric blasting caps
dirty wire		electrical charge
distance		entire firing circuit
does		environmental
during		environmental conditio
either		explosive
electric		explosive end
electrical		firing
electricity		firing position
end		firing wire
enough		firing wire conductor
entire		flash

TASK: 031-193-1004

GENERAL

essential
examination
except for
fasten
fire
foot
for safety reasons
free
free ends
fresh
from
go
good
handle
high
hold
however
identify
if
if not
indicate
individual
in the vicinity
lamp
lead
lead wire
length
less
locate
loose
machine
make sure
manufactures
may be
more quickly
more than
movement
no
note
number
of same type
one
one individual
operate
or
other
piece
piece of metal
point
position
precaution
prevent

BASIC

TECHNICAL

test set handle
transmission
twist
twist together
two ohms
unreeling
unnoticed
visual
visual examination
wide deflection
wide deflection of the needle
zero ohms (25 units)

MOS: 11C
TASK: 051-193-1005
TASK TITLE: PRIME DEMOLITION BLOCK ELECTRICALLY

GENERAL	BASIC	TECHNICAL
allow		adapter
any		admit
around		allow some slack
available		blasting
between		blasting cap
contain		block
could		cap
easily		cap-well
electric		charge
electrical		condition
electrically		crimper
electricity		demolition
end		demolition block
enough		detonate
except		electrical storm
fasten		electric blasting cap
fasten to		electric firing system
fire		enlarge
follow		enviornmental
follow steps		environmental condition
force		expedient
force into		expedient cap well
foreign		firing
free		firing wire
free end		FM
half		FM radio transmission
handle		foreign material
hold		galvanometer
inspect		girth
inspect for		firth hitch
it		half hitches
in the vicinity of		hitch
large		insert
large enough		instrument
lead		inot place
make		lead wire
never		material
no		measure
not		M2 crimper
or		nonsparking
other		output
pass		performance measure
pass through		painted handle
performance		pointed nonsparking instrume
pointed		prime
prepare		priming
prevent		priming adapter
pull		radio transmission
radio		screw
remove		shunt
		slack

TASK: 051-193-1005

GENERAL

small
some
so that
step
storm
tested
that
them
tie
tie around
too
try
under
vicinity
when
wire
with
without

BASIC

TECHNICAL

slot
slot of adapter
static
static electricity
static electricity output
transmission
threaded
threaded cap-well
untwist

MOS: 11C
TASK: 051-193-1006
TASK TITLE: CONNECT ELECTRICAL FIRING CIRCUIT

GENERAL

about
after
allow
also
and so on
any
appropriate
at same end
back
bare
before
bent
between
both
bring
bring out
called
carefully
certain
connect
connecting
consist of
could
cut
damage
describe
distance
each
easily
electric
electrical
electrically
electricity
end
end wire
equipment
every
except
except for
far
far end
fire
firmly
foreign
from
greater
ground
have
if
inch
inside

BASIC

TECHNICAL

alternate
alternate charge
alternate method
annunciator
annunciator wire
appropriate demolition equip
appropriate demolition tools
as described above
as shown
back of knife blade
bare wire
blade
blasting
blasting cap
blasting cap lead wire
blasting machine
block
cap
cap spool
cap wire
cardboard
charge
circuit
circuit splice
common
common series circuit
condition
conductor
demolition
demolition equipment
demolition tool
detonate
ditching
ditching charge
electrical firing circuit
electrical insulating tape
electrically primed charges
electrical storm
electric impulse
eliminate
enamel
environmental
environmental conditions
expose
firing
firing wire
FM
FM radio transmission
foreign matter
form
form a return part
friction

TASK: 051-1[illegible]-1006

GENERAL

suitable
suitable tool
support
tape
that
then
this
thus
tie
tool
touch
typing
under
until
use
useful
usual
usually
very
very easily
Western Union
wet
when
whenever
whenever possible
wire
with

BASIC

TECHNICAL

spool
square
square knot
stagger
static
static electricity output
strand
strand wire
stripped
stripped from ends
tamping
tie with twine
thus eliminates
transmission
twine
twist
twisted lightly
weakened
Western Union pigtail splice
wet tramping
wrapping

TASK: 051-193-1006

GENERAL	BASIC	TECHNICAL
in the same manner as		friction tape
in the vicinity of		impulse
into		inserting
knife		insulate
lay		insulated portion
length		insulated wires
lie		insulating
line		insulating materials
long		insulation
long line		knife blade
machine		knot
manner		leap frog
may be		leap frog series
moist		lightly
moist ground		long return lead
must		material
necessary		master
not		method
observed		multiple
occur		multiple strand wires
only		nicked
or		omitting
other		on the way
out		output
pair		outside
pair of wires		outside insulation
particularly		overhand
path		overhand knot
place		pared
possible		pigtail
precaution		pigtail splice
prepare		portion
prevent		prescribed
protect		prescribed splicing methods
protected by		primed
radio		process
reach		protect from damage
remove		pull
repeat		radio transmission
return		scraping
rock		scraping the wire
same		separate
separate		series
short		series circuit
should		short
so that		short circuit
stick		splice
storm		splicing
such as		splicing method
sufficient		spool
		square

MOS 11C
061-283-6002
Locate a target by shift from a known point

GENERAL

add
announce
answer
applying
approx
arm

beyond

drop

express
expressed

fully

identified
identification
include
in conjunction with

locate
looking through

measure
multiply

plotted
prefer

recall
referring
relation
relationship

subtract
sum
suspected

values

BASIC

angular measurement
answer
announce
artillery rounds
azimuth

calculation
convert

degrees
distance

expressed

FDC
formula

guideline

hit

increments

mastered
MILS
MIL scale
mortar

plotted
prerequisite

R=____
range

shift
sum
suspected

target

TECHNICAL

angular measurement
artillery rounds
azimuth

binoculars
bracket
bursts

compass
creep

deviation

estimated

FDC
field artillery
fire direction center
forward obsercer (FO)

hand and finger method

known

lateral shifts

M = MIL
MILS
MIL scale
military map 1:50,000 scale
mortar

observer target line (OT)

pencil
plotted

R=
RALS rule (right and left subtract)
range
range correction
range corrections

target area

W= 1/Rd

MOS 11C
061-283-6003
Call for /adjust indirect fire

GENERAL

announce
approx
apply

beyond

call for
continue

divide by
drop

establish
event

for purposes

guide

initiate
initial
is entered

locate

maintaining

note

observed
omitted
onto

pencil

request
results

some what like
spot

transmit

up to

vary

whoel number
within

BASIC

adjust
adjust fire
adjustments

binoculars
bracketing

call for
call for fire
call signs
compass
control

designated

effect on

FDC
formulate

grid coordinate
grid mission
guide

impacts
indirect fire
in open

locate

method
mission

out
over

platoon
polar plot

radio
round
round impacts

shift
shift data
short
spot

target
transmit

vary

TECHNICAL

area fire

bracketing method

casualties

damaged equip.
danger close

fire for effect

friendly casualties
friendly troops

initial fire request

round

short
stalled tracks

MOS 11C
061-283-6004
Locate a target by polar plot

GENERAL

actual location
adding
after observing
announce
approximately

conditions
count # of seconds

differences
direction

estimates
express

given

identified
identification

known

locate _ within ____

method
multiply

obtain

pencil
position

subtracting

target area
to the nearest____

until____hear a sound

BASIC

TECHNICAL

binoculars
burst

compass
computed
coordinate scale

fire direction center (FDC)
"flash to bang method"
football filed method

meters
MILS (10)

OP

plotted
protractor

scale military map (1:50,000

MOS 11C
071-329-1021
Determine an enemy target location using grid coordinates

GENERAL

acting as
allow
along

close enough

determine

given

identify
identification
if available
increase
in the same

known location

locate
location

move

performance measures
place (v)
procedure

relation to__
requiring
rotate __ until

speed and accuracy
standard

target
toward the top

within_____

BASIC

TECHNICAL

alowed
are alined

binoculars

cardinal directions (4)
compass
compass index line
coordinates
coordinate scale

forward observer

hills
horzontial position

identifiable
indirect fire

meters
military grid

natural man made
north-seeking arrow

orient(v) a map

plot (v)
protractor

reference system
roads
rotate

scale military map 1: 50,00
six digit grid
straight edge
streams

terrain association
terrain features
to the front

valleys

MOS 11C
113-587-3005
Perform Operator Maintenance on radio sets; AN/PRC-77 or AN/VRC-64

GENERAL	BASIC	TECHNICAL
appropriate	callsigns	AN/PRC-77 or
	clean cloth	AN/VRC-64
beyond		
	faults	DA form 2404
capability	flat tip screwdriver	
	frequency	Fault record DA
given		field excercise
	log book	flat tip screwdriver
operator		form 2408
outlined	operator	frequency
	organizational maintenance	
participating		garrison maintenance
procedures	range	
prescribed		log book
		mild soapy water
repair		
requiring		radio sets
		TM 28-750
		trichloroethylene
		uncorrected

MOS 11C
113-587-2001
Operate radio set AN/PRC-77 or AN/PRC-25

GENERAL

adjust
appears
assemble
attach

blow

check
close

depress
desinable

flow

given

install
insure

knowledge

listen

operator

press

release
remove
replace

speak

task

within

BASIC

assemble

blow

callsigns
components

depress

flow
functional

inspect
installation
insure

latches

operator

performance measures

range
rushing noise

set off
signals
sound level
squelch

turn
tuning

TECHNICAL

air vent
AN/PRC-77 or AN/PRC-25
antenna mount
antenna at -892/PRC-25
antenna at 892/PRC25
antenna support
audio connector

band switch
battery BA-4386
battery box
battery receptacle
blow

callsigns
channel dial
clamp
communications check
control guard
cotton duck bag
CY-2562/PRC 25

electric harness

frequency
front panel guard
frequency band
function

hand set
H-189/CTR handset

KC turning control
knobs

latches

MC turning controlknobs

pressure relief valve
pressure test screw
push-talk switch

radio connector
radio set
receiver transmitter RT
squlech
station

T-R case

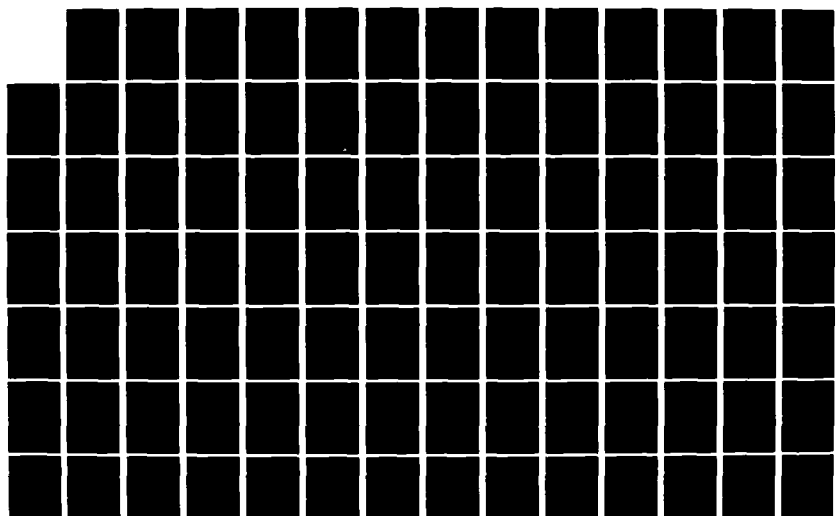
valve
volume control

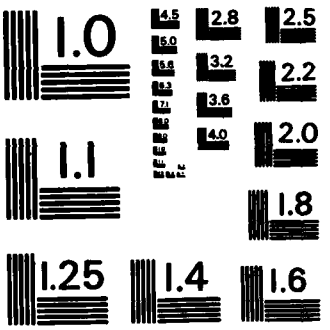
MOS 11C
113-587-2002
Prepare Radio Set AN/VRC-64 for operation

GENERAL	BASIC	TECHNICAL
adjust	callsigns	access plate
assemble	clamp	AM-2060/GRC (A1) amplifier power supply
conditions	frequency	amplifier power supply DA-3633/GRC
female	handset	AN/VRC-64 radio
given	manpack/vehicular microphone	antenna matching unit
illustrations	mutual interference	antenna controll connec (MP15)
inspect		antenna at 912/VRC
install	operator	audio connector
loosen	performance measures pins	battery terminals
male	powerlines	bumper plate
observe	radio station	cable assembly
press	whip antennas	cable clips
raise		clamp recess
remove		connector
set		copper bonding strap CX-4655/GRC (A2)
slide		DA Label 132
standards		diodes
turn		guide pin
within		guide pin hole
		hand set
		mount MT-1029/VRC
		mounting plate
		mounting screw
		noise cancel
		power input
		receiver _ transmitter
		resistors
		restart
		RT-871/PPC-77
		set power control
		slides
		special electrical
		squech operation
		tactical vehicle
		TB SIG 291
		TM-11 5820 489-12
		top tray

AD-A121 157 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 11C INDIRECT FIRE INFANTRYMAN(U) DEFENSE LANGUAGE INST LACKLAND AFB TX ENGLISH LANGUAGE CENTER OCT 82 3/5

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

MOS 11C
113-587-3004
Perform operator maintenance on radio set AN/VRC-46 or AN/VRC-47

GENERAL	BASIC	TECHNICAL
as required	AN/VRC-46 AN/VRC-47	appropriate TM
beyond	blank DA Form 2404	Chap 12
clean cloth correct deficiency	call signs	fault field training exercise
FM radio	DA Form 2408/4	IAW procedures
installed	field training excecise flat tip screwdriver frequency	maintenance maintenance steps
mild soapy water	log book	performance measures performance operator
operator's capability operational outlined outlined in	maintenance steps	prescirbed operator
participating perform	organizational maintenance performance measures preventive maintenance	previously reported range required garrison maint
recorded in refer to repair requires a part	previously reported fault record trichloroethlene vechicular mounted	services section of short comings TM11 9820-401-72

MOS 11C
113-587-2020
Prepare tactical FM radios (AN/VRC-46 or AN/VRC-47) for operation

GENERAL	BASIC	TECHNICAL
	external speaker	
applicable	in conjunction with	AN/VRC-46 radio
assemble		AN/VRC-47 radio
	operation	antenna AT -912
conditions		antenna AS1729
	performance measures	
disassemble		BAND switch
	radio	
given		cables
	vehicel motor	
handling		light switch
inspect		MHz & KHz controls
install		mountings MT-129/VRC
		MT 1898
keyed		
		power switch
operate		
		R-442
set		radio mounts
		RT-524
turn		
within		speaker control
		squelch switch
		tactical vehicle
		vehicel motor

MOS 11C
113-573-8001
Use an automated CEOI

GENERAL	BASIC	TECHNICAL
any or call of the	automated CCOI	another stations idenity
following	authentication system	authenticate
appropriate		authentication system
assigned by	CEOI	
assigned to	command echelon	callsign
assignment		call sign of station
	during tactical training	complete five-character
be sure to		complete individual callsign
	grid zone letter	(including suffix)
challenge (v)		contingency operations
cloumn of items	in the clear over	
compile	index of CEOI	designations procedure
contains		during tactical training
correct time period	organization	
		encoded
determine	parentunit	
during tactical	PLT LDR	frequency of specified
explain	transmitted	item number identifier
extract of	two letter identifier	item number heading
extract _ from		
		local time period
follow left hand find		
for a specified period of time		non secure means of
from which		communication
given		organization
		parent organization
information		performance measures
is listed accouding to		
is required		
		subordinate elements
just recieved a call		
		transmitted
look across from		two letter identifier
look under		
		unit idenity
next		unit nets
noramlly operate		unknown station
		under a divicion headquarters
operation		
readily be determined		within a given net
right hand column		
show (v)		
specific instructions		
state (v)		
supervisor		
thorughtou		
time period		
turn to		
within		

MOS 11C
113-571-2001
Use KAL-61B 1400 Numerical code ot authenticate transmissions and encrypt decrypt numbers and grid zone letters

GENERAL	BASIC	TECHNICAL
authinticate	callsign	authenticate
correctly	contacted station	encrypt/decrypt
date/time	correct authentication	KAL-61B 1400
determine	decode	proper radio procedure.
followed by	encode	transmission
following items	frequency	
for training	grid zone letters	
given	grid coordinates	
immediately	I set	
operational FM radio	imposter	
paper	KTC 1400 table	
pencil	numberical code	
reply	phoetic letters	
requirement	sending station	
responded	specific grid coordinates	
select		
simulated		
station		
time period		
transmit		
wheather or not		
within		
without		

MOS 11C
113-571-2002
Encode and decode messages using a KTC -600 tactical operaton

GENERAL	BASIC	TECHNICAL
alphabetical order	effective days	alphabet
arranged in	exceed	
		by series of phonetic l
code set	given time drame	
commonly used		code set
	identify	CEOI
dates/time	in effect	
		decode
given	plain text	
given operation	produce	encode
identify	to the left of	group count
in effect		
	writing out	interrogative groups
made up of		
message		KTC-600 tactical operat
per code group		message
portion		
produce		retransmit
repeat until		say again
		spares assigned
to the left of		
turn to		transmission
used as follows		
using		
whole message		
will be directed		
within seconds		
without error		

MOS 11C
113-571-1003
Establish and enter or leave a radio net

GENERAL	BASIC	TECHNICAL
abbreveated	authenticate	additional
according to		answery sequence
accomplish	callsign	appropriate
as soon as possible		appropriate (EOI) ex
attempt to	established radio net	
		calls
begin/maintain	FM radio set	callsigns
by means other than		characters
	KAL 61	correct frequent
confussion	KTC 1400	
controlled by		enter (net)
correct time period	NCS	entering
	NCS station	establish a net
desiring to		extract
determine		
due to		index
		individual call
enable to		individual station
enter		item # identifier
establish		
establish communication		leave assigned
establishing		leave net
exchanging		letter identifier (2
follow		monitor
following actions		
following procedure		net callsign
		numerical order
given		
		open the net for tra
identify		operational tactical
inform		
insure		performance measure:
is granted		
		radio net
leave		
locate		suffixes
location		
		transmitting
make appropriate		
messages		
minimum delay		
noramlly operate		
obtain		
omitting		
operate		
other than		

MOS 11C
113-571-1003

GENERAL BASIC TECHNICAL

prepare
prescribed here in
prior to
proper control

radio set
ready to
received
report (n)
response
request permission
requirement to establish

satisfactorly
send message
stations

trasmit
transmitting

unable
unsuitable
upon direction

will result

MOS 11C
113-594-2005
Prepare/Operate switchboard SB-993 (81-MM Mortar only)

GENERAL	BASIC	TECHNICAL
act as	adapter connector holder	
audible		
	binding post	
carry (v)		
consist of	canvas carrying case	
constantly watching	circuit	
conversing	common battery (CB)	
	common battery signaling (CBS)	
designed for use in	company size unit	
duration	conference connections	
	connected in tandem	
equipment		
	emergency filed	
given		
	housing	
handle (v)		
hold _ in position	incoming lines	
	incoming ringing signals	
in use	incoming wire	
inserted into		
	jacks	
light, portable		
located at	LB switching cover	
	local battery (LB)	
normally used		
	make communicator check	
operate	manual SB	
operator's use	molded together	
	mounting strap	
prepare		
protect (v)	new glow lamp	
required	operators line	
secure	performance measure	
separate parties	personnel	
serve as	place (v) into operation	
several	plugs	
several types of operation		
standard	plugs holder	
such as	ponier switchboard	
supplied by the station		
tree, table	radio/wire net code	
	receiving station	
unless	replacement	
weighs	SB central telephone	
within (time)	SB /993 DGT	

MOS 11C
113-594-2005

GENERAL	BASIC	TECHNICAL
	SB 993	
	source of electrical energy	
	speech and ringing signals	
	switchboard designator	
	telephone set	
	thumbscrew ends	
	translucent plastic	
	two pronged adapted connector	
	U-1841 () GT	
	wire circuit	

MOS: 11C
TASK: 113-300-1001
TASK TITLE: INSTALL TELEPHONE SET TA-312/PT

GENERAL	BASIC	TECHNICAL
adjust	chief	binding
assistance	NBC	cable
conduct	nontactical	deicing
environment	task	post
in accordance with	team	screen
install		
installation		
performed		
pole		
position		
preinstalled		
provide		
remove		
ringing		
secure		
select		
set		
submit		
supervision		
switchboard		
transmission		
verbal		

MOS: 11C
TASK: 113-600-3001
TASK TITLE: PERFORM OPERATOR PREVENTIVE MAINTENANCE ON TELEPHONE SET TA-312/PT

GENERAL	BASIC	TECHNICAL
assistance	chief	buzzer
available	nontactical	control
avoid	services	cradle
case	standby	deicing
cords	tactical	faults
daily	task	foreign
environment	team	handset
errors	thru	hook
flame		latch
in accordance with		leakage
initially		matter
inspect		NBC
maintenance		post
operator		retaining
panels		screen
perform		situation
press		springs
prolonged		switch
provide		volume
re/installed		
serviceability		
sit		
spills		
ventilation		
warning		

MOS: 11C
TASK: 113-571-1001
TASK TITLE: USE CORRECT RADIO PROCEDURE TO TRANSMIT OR RECEIVE A RADIO MESS

GENERAL	BASIC	TECHNICAL
a		CEOI
another		call sign
as listed		code group
as outlined		coded message
as stated as such		digit by digit
as written		RM Radio set
assigned		frequency
below		net
by		radio message
cases		radio procedure
correct		receive
designated		receiving station
exact		station
however		to receive
identifying		to transmit
in		transmission
intended		transmit
maybe		transmitting station
meanings		Phonetic alphabet
message		Phonetic numerals
multiplies		Prowords
normal		-all after
on		-all before
operating		-authenticate
oral		-authentication is
perscribed		-bread
pronunciation		-correction
requirement		-groups
sample		-I authenticate
so that		-I say again
special		-I spell
specific		-message
spoken		-more to follow
station		-out over
such as		-radio check
the		-Roger
their		-say again
there are		-this time
thousands		-time
use		-wait
where		-wait out
with		-Wilco
written		-word after
		-word before

MOS 11C
071-333-6001
Drive a wheeled vehicle cross-country

GENERAL	BASIC	TECHNICAL
automatically	accelerator	accelerator
depress	bypass	clutch
disengaged	clutch	grade
engagement	cross-country	high/low range drive
extremely	drive	rear (engage) position
given	forward (in) position	rear (out) position
incounter	front axle drive lever	shifting
inform	grade	slide slope
instructions	muddy terrain	truck cargo 1¼ ton M151, A1, A2
let up on	negotiate	truck cargo 1¼ ton M561
operation	obstacles	wheeled vehicles
truck	performance measures	
varying	range selector lever	
	sandy terrain	
	shifting	
	side slope	
	terrain	
	trahsmission	
	transfer case	
	truck	
	vehicle commander	
	wheeled vehicle	

MOS 11C
071-333-6002
Drive a wheeled vehicle on roads, in vehicle parks and in built up areas

GENERAL	BASIC	TECHNICAL
additional	built-up areas	TM 21-300 SEC V. para 42/TM 21-305 Chap 10
background	devices	truck cargo 1¼ ton M715, M561
cited below	international traffic signs	
drive	markings	wheeled vehicle
explained	signals	
given	signs	
individual	vehicle parks	
outlined	wheeled vehicle	
operate		
references		
roads		
rules		

MOS 11C
071-333-6003
Drive a wheeled vehicle using blackout drive

GENERAL	BASIC	TECHNICAL
come on	blackout bulbs	auxiliary lever
	blackout headlight	
darkness	BO drive position	blackout bulbs
depressed	brake pedal	blackout headlight
drive		blackout marker lights
	dimmer switch	blackout night driving
given		blackout spotlight
goes on	instrument panel	
		BO drive
hold	negotiate	brake pedal
individual	obstacles	instrument panel
	on command	
varied		on command
	performance measures	operative blackout drive
	slopes	service drive
	standards	
	streams	tail light
		truck cargo 1¼ ton M715, M561
	tail light	truck utility ¼ ton M151,A1,A2
	terrain	
	trenches	unlock position
		wheeled vehicles

MOS 11C
071-333-6004
Start a wheeled vehicle engine using auxiliary power (M151, M795, M561)

GENERAL	BASIC	TECHNICAL
correspond	auxiliary power	auxilary power cable standards
given	ignition switch	dead battery
holes	performance measures	master switch M561
install	outside source	slave receptacle prongs
normal manner	receptacle	wheeled vehicle engine M151, M175,M561
start		
unscrew		

MOS 11C
071-333-6005
Perform an ESC (equipment serviceability criteria) inspection on a wheeled vehicle IM151,M715, and M561)

GENERAL	BASIC	TECHNICAL
assign	color rating	ESC equipment Serviceability criteria
assist	DA Form 2404	inspection
componet	log book	logbook
conditions	lubrication order	truck utility ¼ ton M151,A1, A2
determine	method	truck cargo M715, M561
evaluation	performance measures	
given	standards	wheeled vehicle M151, M715, M56
individuals	subsystems	
method		
pen		
pencil		
perform		
record		

MOS 11C
071-333-6006
Maintain required TAMMS records on a wheeled vehicle (M15, M715, and M561)

GENERAL	BASIC	TECHNICAL
complete	extract data	compare faults (shortcomings)
conditions	modifications	DA FORM 2408-1
determine	operator	DA FORM 2408-5
entries	standards	DA FORM 2408-10
given	unapplied	
IAW		
identified		
individual		
maintain		
pertaining		
previously		
procedures		
required		

MOS 11C
071-333-6007
Perform operator maintenance on a wheeled vehicle.

GENERAL

appropriate
conditions
given
IAW
identify
individual
outlined
perform
prepare
previously
unreported

BASIC

basic issue items
capability
cross-reference
faults
lubrication order
maintenance deficiences
notify
operator
organizational maintenance
preventive maintenance services
troubleshooting
troubleshooting procedures
vehicle logbook TM 38-750

TECHNICAL

basic issue items
DA FORM M2404
lubrication order
truck cargo 1¼ ton M715,
truck utility ¼ ton M151
uncorrected fault record
DA FORM 2408-14

MOS 11C
071-333-6008
Recover a wheeled vehicle

GENERAL

assistance
assistant
attached
available

capability
constitutes
construct

definite
dependent upon
diameter

employed
enable
engaged
exists

gain
given

impact
in line
insure

methods

obtained
occur
on hand

performed
pick up
pole
procedure
proven

quickest

recover
resistance

same manner
secured to
single
slack
slipped over
stretch
suitable

BASIC

A frame
anchor
apex
axle flange
armed track
authorized

cable
capability
chain sling
combat
combat vehicle
crews

deadline
destination
disabled
disablement
drivers
drum

employed
expedient

fixed block
fleet angle

haphazard
hitches
hood

immobility
improved method

lifting
lifting shackles
load
loop
lowline

methods

narrow ditch
nose truck
nosed

on hand

performance measures
platoon level
pole
prolonged

TECHNICAL

A frame
a mired truck
anchor
apex
axle flange

battalion

calculate ratio
chain sling
combat vehicle
company
compound takle

dead line
drivers
drum
dual-wheeled truck
duals

erect rigging
estimate situation

fall/return lines
first class level
fixed block
free spooled
front end of

hitches
hood

lashed together
lifting
lifting shacles
load
loop
lowline knot

mechanical advantage

narrow ditch
nose truck
nosed

obtain resistance

personnel
platoon leader
platoon level
prying

MOS 11C
071-333-6008

GENERAL	BASIC	TECHNICAL
utmost	quickest method	recheck rigging
		reconnoiter area
within	recover	recover
wound	recovery specialists	running block
	remote areas	
	repairman	section
	resistance	self-recovery
	reverse gear	shell hole
	rigging	simple tackle
		single shear snatch block
	self recovery	single wheels (M715 and M151)
	shell hole	slack
	slack	special purpose
	shopped over	squad
	source of effort	
	stretch	tow chain
		towing
	tow chain	traction
	towing	trial and error method
	training	
	traction	valve stem
		verify solution
	wheel disk	
	wheels	wheel disk
	wound	wheel hub
		wheeled vehicle
		wrenching
		you are ready

MOS 11C
071-333-6008
Recover a wheeled vehicle

GENERAL

assistance
assistant
attached
available

capability
constitutes
construct

definite
dependent upon
diameter

employed
enable
engaged
exists

gain
given

impact
in line
insure

methods

obtained
occur
on hand

performed
picked up
pole
procedure
proven

quickest

recover
resistance

same manner
secured to
single
slack
slipped over
stretch
suitable

BASIC

A frame
anchor
apex
axle flange
armed track
authorized

cable
capability
chain sling
combat
combat vehicle
crews

deadline
destination
disabled
disablement
drivers
drum

employed
expedient

fixed block
fleet angle

haphazard
hitches
hood

immobility
improved method

lifting
lifting shackles
load
loop
lowline

methods

narrow ditch
nose truck
nosed

on hand

performance measures
platoon level
pole
prolonged

TECHNICAL

recheck rigging
reconnoiter area
recover
running block

section
self-recovery
shell hole
simple tackle
single shearursnatch block
single wheels (M715 and M151)
slack
special purpose
squad

tow chain
towing
tractoin
traial and error method

valve stem
verify solution

wheel disk
wheel hub
wheeled vehicle
wrinching

you are ready

MOS 11C
071-333-6008

GENERAL	BASIC	TECHNICAL
utmost	quickest method	A frame
		A mired truck
within	recover	anchor
wound	recovery specialists	apex
	remote areas	axle flange
	repairman	
	resistance	battalion
	reverse gear	
	rigging	calculate ratio
		chain sling
	self recovery	combat vehicle
	shell hole	company
	slack	compund takle
	shopped over	
	source of effort	dead line
	stretch	drivers
		drum
	tow chain	dual-wheeled truck
	towing	duals
	training	
	traction	erect rigging
		estimate situation
	wheel disk	
	wheels	fall/return lines
	wound	first class level
		fixed block
		free spooled
		front end of
		hitches
		hood
		lashed together
		lifting
		lifting shackls
		load
		loop
		lowline knot
		mechanical advantage
		narrow ditch
		nose truck
		nosed
		obtain resistance
		personnel
		platoon leader
		platoon level
		prying

MOS 11C
071-333-6501
Drive an APC cross-country

SKILL LEVEL 1

GENERAL	BASIC	TECNICAL
across	accelerator padal	acceleretor padel
acculates	APC cross country	APC cross-country
automatic		
avoid	brakes	brakes
	bypass	
caution		cross-country
	climbing	
damaged	cross-country	
daylight		
dear	descending	
debris	drive	
depress		
determines	grade	
drive	gradual grades	
encountered	hilly	
excessive		
	level terrain	
given	loose sand, dirt or rocks	
gradual		
	moderately	
inform		
	negotiate	
lock		
	obstacles	
maintained	overloading	
maximum		
	performance measures	
pull back	pivot star levers	
	pumping movement	
severly		
	rough terrain	
thumbs		
tightly	sevies of	
	shifting	
varying	side slope	
	standards	
	steep	
	steering	
	stoppong	
	suspension	
	terrain	
	throwback	
	transmission	
	trench	
	vehicle commander	
	wall	

MOS 11C
071-333-6502 SKILL LEVEL 2
Drive an APC on roads, in vehicle parks, and in built up areas.

GENERAL	BASIC	TECHNICAL
additional	APC	APC
background	Army - wide operating procedures	AR 385-55
cited below	devices	built up area
conditions	international traffic signs	M113A1
drive	local regulations	vehicle parks
explained	local traffic regulations	
given	markings	
IAW	M113A1	
informantion	operate	
outline	performance measures	
references	roads	
requirement	safety	
roads	signals	
rules	signs	
	standards	
	unit SOP TM21-301	
	TM 21-306, AR 385-10	
	vehicle parks	

MOS 11C
071-333-6503 SKILL LEVEL 1
Drive on APC with night vision devices infrared equipment and blackout drive

GENERAL	BASIC	TECHNICAL
adjust	APC	air box heater switc
	arcing	arching
circumstances	azimuth locking knob	APC
clockwise		azimuth locking knob
come on	blackout bulbs	
conditions	blackout drive	bilge pumps switch
connect	blackout stoplight	blackout bulbs
	brake	blackout drive
darkness		blackout headlights
drive	carrier	blackout marker light
drive over	clamping screw	blackout stop-light
		battery generator
forward	demerged	brake
	drained off	
given	drive	carrier
	drivers hatch	
hold		driver's hatch
	eyepiece	
individual		elevation locking le
insert	focus	set
installed		engine temperature ir
	head rea	eyepiece
loosen		
	infrared power pack	front bilge pump on
negotiate		indicator switch
	latches	
release	lock liver	I.R. B. O. select swi
result in		I.R. power switch
rotate	on command	
	operating	latches
set		lights switch assembl
	periscope - M19	
upward	performance measures	master wsitch on indi
	power cable	switch
varied		
	quick release (n)	panel lights color
warning		periscope - M19
	residual charge	
		quick release (n)
	set	
	slopes	rear blge pump on
	standards	indicator light
	stowage plug	residual charge
	stowed position	
	steeingi levers	speedometer
	streams	start switch
		steering levers
	terrain	
	thumbscrew	tachometer
	trenches	thumbscrew
	unlock position	

MOS 11C
071-333-6503

GENERAL

~~BASIC~~

TECHNICAL

vechile commander
vertical walls

MOS 11C
071-333-6504

SKILL LEVEL 1

Operate an APC in water

GENERAL	BASIC	TECHNICAL
accelerate	access plates	cargo/gunner hatch covers
across	bilge pump operation	driver's hatch
check	cargo/gunner hatch covers	hull drain plugs
close	driver's hatch	interior lights
conditions	field location	mortar carrier's
daylight	flooding	operational APC, TM9-2300-257-10
depress	interior lights	pipe plugs access plates
diagonally	mortar carriers	periscopes
drive	neutral	power plant door
emergency	operational APC; TM 9-2300 257-10	ramp door
entry	performance measures	shore
extend	periscope	track shrouds
given	personnel safety	train vane
head for	pire plugs	water borne
insure	power plant door	
lock	ramp door	
prepare	safety equipment	
procedures	shore	
retract	SOP regulations	
secure	strike land	
select	swamping	
shift	tactical	
short	track shrouds	
situation	trim vane	
steer	unfordabel water obstacle	
turn on	up current	
	waterborne	

MOS 11C
071-333-6505
Start an APC engine using aucilary power

SKILL LEVEL 1

GENERAL	BASIC	TECHNICAL
caution	dead battery	auxilary power cable
conditions	master switch panel	carriers
given	M113A1 personnel	carriers electrical system
install	performance measures	infared stwage receptacle
standards	prongs protective cap	master switch
unscrew		slave recptacle

MOS 11C
071-333-6506
Perform a tracked-vehicle ESC equipment serviceability criteria inspection

SKILL LEVEL 1

GENERAL

assign
assist

condition
conduct

determine

given

individuals

locating

pen
pencil
perform

record

standards

within

BASIC

carrier
components

logbook

subsustems

tools

TECHNICAL

carrier
color rating

DA FORM 2404

ESCTM

lubrication order

M113A1 personnel carr

overall sys. elevalua

MOS 11C
071-333-6507
Maintain required TAMMS records on a tracked vehicle.

Skill Level 1

GENERAL	BASIC	TECHNICAL
conditions	component miles/hrs.	DA Form 2408-5
		DA Form 2404
determine	operator	DA Form 2408-1
enteries		faults
extract		
		TM 38-750
given		
		vehicle logbook
IAW		
pertaining		
shortcomings		

MOS 11C
071-333-6508
Perform operator maintenance on an APC.

SKILL LEVEL 1

GENERAL

capability
conditions

IAW
identify

lubricate

notify

perform
prepare

standards

BASIC

cross-reference

maintenance deficiences

operator
orgainzational maintenance

shortcomings

uncorrectable faults

TECHNICAL

basic issue items

DA Form 2404
DA Form 2408-14

LO 9-2300-257-12
Lubricate

M113A1 personnel carrier

TM 9-2300-257-10
troubleshooting

MOS 11C
071-333-6509
Recover atracked vehicle using field expedients

SKILL LEVEL 1

GENERAL

adaptable
additional
adverse
aid to
alinement
applicable
assist
attach

based on

calling on
catching
caution
cleaned up
conditions
connect
crossed
constitutes

depending on
dismeter
disablement
disassemble
distination

embed
employed
entangling
equalize
extend
exercised
exists

facing
free of

given

if available
in line with
in pairs
instruct

lack of
lock
log

methods
mounted to

obtain
over come

BASIC

anchorages
anchoring
anchoring tracks

bellied (v)
bolt
brakes

capstan kit
crashing down
crews

disabled
diverted
drivers

expedient
expedients

fenders

ground anchors

haphazard approach

immobility

leader
levels
lifting
lights (n)
low range

metal shorud plates
methods
muddy

neutral
nosed (v)

over turned truck

performance measures
point of balance
pulling effort

quickest method

remove areas
retard
rigging

TECHNICAL

anchoring
anchoring tracks
armored personnel carri
(APCA)

basic issue items
barralion
belleid (v)
brakes

caluculate ratio
capstan drums
capstan kit
company

drive sprocket hub

erect rigging
estimates situation
expedients

ground anchors

levels
lifting

marine anchors
mired vehicle
mountinf/tee bolts

nosed tracked vehicle

obtain resistance

platoon

quickest method

recheck rigging
recovery
reconniter area
recovery cables

shackles
source of effort
suspension of sys.

tie down eyes
tow cable
tow hooks
towing
tracked vehicle
tracks
turret

MOS 11C
071-333-6509

GENERAL

performed
personnel
prolonged
proper
position
purpose of

readily
recheck
recovery
release
remove
respective

shift
situation
standards
stow
surface

take up
taut
tree stumps

under side
utmost

within

BASIC

section
self-recovery
sequence
shut off
slack
slippery
source of effort
spillage
squad
steep banks
support (n)

terrain
tow cable
tow hooks
towing
traction
tracks
transmission
trail and error method
turret

uprighted

winching

TECHNICAL

verify solution

winching

you are ready

MOS 11C
071-333-6510
Maintain auxiliary generator on M577 tracked vehicle

Skill Level 1

GENERAL	BASIC	TECHNICAL
capability	IAW	before during after maintenance
conditions		
correct		checks and services
		correctable faults
given		
identify		DA Form 2404
instruction		deficiencies
maintenance		generator set
notify		mounted
		M-577-A1
organizational		not covered in
perform		operator librication step
prepare		
personnel		previsoulsy unreported
procedures		preventive maintenance
referred to		short comings
repairs		
require		track vehicle
within operator's		

MOS 11C
071-333-6511
Install/operate auxiliary generator on M577 tracked vehicle

SKILL LEVEL 1

GENERAL

attached

before
both

caution
conditions
connect

given

hoist sufficiently

install
installation

loosen
loser to ground

make certain

operate

position (v)

remove
removal
rotate

securing
tart
standards
swing (v) inot position

tighten

within

BASIC

TECHNICAL

auxilary power cable

block and tackle

carrier
clamps
clear of carrier

DAVIT
____degrees
dismounted

generator set

inclosure

lifting bar

master switch
M577A1
mounting bracket

power receptacle cov

stowed position

thumbscrews
track vehicle

MOS 11C
071-321-4002
Boresight Mortar For Elevation Using the M2 Compass

GENERAL	BASIC	TECHNICAL
accuracy	centered	angle of site
adjustments		bearing
bubble		boresight
conditions		crosslevel
depress		elevation micrometer
elevate		elevation scale
elevation		M2 compass
given		mounted mortar
set		sight
standards		traversing
turn		sight unit
within		

MOS 11C
071-321-4007
LAY MORTAR FOR DIRECTION USING M2 COMPASS (CARRIER-MOUNTED)

GENERAL	BASIC	TECHNICAL
adjustment	performance measures	aiming circle meth
compass	squad	ammunition handler
conditions		azimuth
deflection		carrier
given		cross-levels
laying		gunner
measures		mortar sight grid
standards		reciprocally laid
within		traverses (v)
		traversing assemb

MOS 11C
071-321-4008
Supervise squad during the occupation of the firing position

GENERAL	BASIC	TECHNICAL
called for by construct	actual	ammunition
conditions	camouflaging	emplacements
given	compass	FDC
IAW	establishment of construction	81-MM mortar
install		mortar crew
perform		mortar pit
positioning		mounted mortar
supervising		M45 boresight
standards		sight training set
within		simulated
		temporary

MOS 11C
071-321-4006
Orient M2 aiming circle and lay mortars for direction

GENERAL	BASIC	TECHNICAL
aided by	mount	aiming circle (A/C) operator nonrecording motion
beyond	orient	azimuth
conditions	performance measures	barrels
daylight	procedures	covers the head of
establish		crew members
given		delination constant
lay		grid
notifies		magnetic needle magnifier
parrallel to		micrometer scale
recheck		mortar
using		M2 aiming circle
simultaneously		M53 sight
standards		parrallel sheaf
		red deflection

MOS 11C
071-321-4001
BORESIGHT MORTAR FOR DEFLECTION USING THE M2 AIMING CIRCLE

GENERAL

accuracy
adjusted
aline
arrow
axis

center
conditions

distant

given

index

lay
loosen

mounted

set up
slip

standards

tighten

BASIC

axis
gunner
performance measures
personnel

TECHNICAL

aiming circle
angle method

azimuth scale
barrel
baseplate
boresight
boresight locking screws
calibation
deflection knob
lens
micrometer
mortar
muzzle
sight
traverse
travers bearing

MOS 11C
071-321-4009
Lay mortar for direction using M2 compass (ground-mounted)

GENERAL

alined
announces

conditions

error
exists

feasible

given

human

in any event

mechanical

parallel
positioned
prescribed

standards

within

BASIC

performance measures

section sergeant
squad leader

when time dictates

TECH

aiming circle
aiming post
ammunition handler
azimuth

base mortar
base plate stake

compass method

directional stake

ground-mounted mortar

mortar
mortar sight method
M2 compass

prescribed mounting a

reciprocal
reciprocal laying

sight

MOS 11C
071-321-4050
Engage a target using fire without anFDC (direct lay and direct alinement)

GENERAL	BASIC	TECHNICAL
acting	performance measures	ammo bearer
conditions	squad leader	baseplate settled
destruction		defilate
elevation		direct lay method
engage		directional stake
engagement		firing table
given		gunner
IAW performance		HE ammunition
impacts		indirect fire team
range		LARS rules
responsibility		mortar crew
situation		81-MM mortar mounted
standards		mortar positions
within		point type target
		rounds
		target
		target hit
		target miss
		targets rests
		traversing hand wheel

MOS 11C
071-321-4051
Adjust without an FDC using direct alinement

GENERAL	BASIC	TECHNICAL
achieve	binoculars	bracketing method
acting	designated of position	compass
adjust	FDC	FDC
adjustments	field environment	GT Line
conditions	forward observer	LARS rule
deflection	gunner	
deviation	identifiable target	
effect	observer target line (OT)	
either/or	performance measures	
error	round	
given	spotting	
land (v)	squad leader	
previous		
standards		
visualizing		

MOS 11C
071-321-4052
Lay Mortar for direction using direc alinement method (fire without FDC)

GENERAL	BASIC	TECHNICAL
adjustment	performance measures	aiming posts
aline	squad leader/FO	ammo box
conditions		cross _____ (t box)
disturbing		defilade position
form a cross		direct alinement method
given		gun crew
keeping in mind		gunner
lay		mortor
mounted		observable target
nailed		sight
pieces		sight back along
picks		stake
positions		
procedure		
registration		
reverses		
standards		
subsequent		
within		

MOS 11C
071-328-5301
INSPECT PERSONNEL/EQUIPMENT

GENERAL	BASIC	TECHNICAL
as you find	awards	
check	basic issue items list	
complete	belt buckle	
fit	collar insignia	
general appearance given	deficiencies	
haircut	eleiminates changes of missing important items	
inspect	foot gear	
note (v)	gig line	
pay particular attention to	headgear	
readily recognizable point	I.D. card	
return to	I.D. tags	
shave	inspection site	
specified amount of time	orderly sequence	
throughly familiar with	patches	
to be inspected	performance measures	
try to remember	personnel/equipment	
	preventive maintenance checks and services	
	saues motion	
	section on	
	start at the head	
	study applicable T.M.	
	uniform	
	unit SOP	
	unit standards	

MOS 11C
071-328-5302
Supervise maintenance on individual and TOE equipment

GENERAL	BASIC	TECHNICAL
accomplished	allocate	
assign	army standards	
assistance	as listed in applicable publications	
given		
if necessary	assinged to your unit	
make corrections	brief(v)	
note (v)	direct (v)	
obtain	equipment	
proper	individual and toe	
specified amount of time	over-supervise	
to be maintained	maintenance site	
understood	personnel	
within		

MOS 11C
071-328-5304
Enforce preventive medicine program includes personal hygiene

GENERAL	BASIC	TECHNICAL
add ____	brief (v)	adiministrative
adequate supply of		allow movement
advisable	march (v)	allowing a two-way exchange of air
allow	mission	attempt to break in
amounts		
apply	squad	base disenfecting ability
approximately		bivoac
as dry as possible	tactical	brief (v)
at first oppurtunity	team leader	
attempt to		cap (canteen)
		canteen
become damp		"cathole" latrine
		climatological injuries
care of feet		cloudy water
clothing		comply with
completely covered		crumbled
conduct (v)		
cooling		designed to afford
corrections		disposal of human waste
correctly fitted		dusted lightly
darkness		elevate
daylight		excessive perspiring
detect		
double		field ration pack
dug		first aid
during		frequent intervals
encourage to drink		good circulation
equipped with		
exercising feet		insulation
exercising legs		
explain		knotty corns
failures		leakage
fill with		lost through perspiration
for any purpose		
free of holes		march (n) (v)
from body		metabolism
____ Ft deep		mission
gallon		one quart
given		overheating
		overhight bivouac
harmful		
heat/cold		packed down
helpful		pared as buddies
holding it near the skin		personal hygiene
human body		pressure spots
		preventive medicine program
includes		prior to
increases		protection
inspect		purifying water
insure that		

MOS 11C
071-328-5304

SKILL LEVEL 2

GENERAL

BASIC

TECHNICAL

lead to injuries
less than
less than minimum anount
loosely

maintained
make up this loss
more frequently

new pair of shoes or boots

ordinary diet

perspiration
person's water intake
place (v)
prevent loss of heat
proper type of
properly protected
protection
put-under

rinse
road

salt requirements
shake well
shirt
should be taken
sensations of thirst
starts

tighten
trained to function
treated
to quench

vital body salt

wait
waist
warmed by the body
watch for
wet

releived promptly
reminding the other

short halts
signs of frostbite
soldier
steel gray in color
straddle
stuck together
subordinater

tactical
team leader
threads around neck
trench
trench foot
tarpping air
troops

various layers of clothing
ventilation

waste elimination

MOS 11C
121-030-2501
Prepare the rater's section of an Enlisted Evaluation Report (EEA)

GENERAL	BASIC	TECHNICAL
conditions	discrepancies	career development counseling
exceeds	overall performances	DA Form 2166-5
given	performance measures	DA Phamplet 623-1
indicate	recommendations	enlisted evaluation report
logical	soft pencil	endorser
performs		military personnel officer (MILPO)
printed		"R"
signature		rater
standards		rating scale
sum of		rifle platoon
trait		

MOS 11C
874-896-2001
Conduct performance-oriented training session

GENERAL	BASIC	TECHNICAL
allocated	evaluate	insufficent resources
allow	evaluation	lack of trainee motivation
	performance measures	trainer
characteristics	phases	training session
conditions	supervisor	unrealistic standards
conduct	teachable	
	test	
demonstrated		
estimate		
explain		
give		
given		
inform		
individual		
instead of		
insure		
objective		
obtain test		
perform		
rehearse		
standards		
sufficient		
talk thru		

MOS 11C
071-321-3901
Place a ground-mounted 81-mm morter into action

SKILL LEVEL 1

GENERAL

aline

"between the white lines"

centers

full extent of

IAW
in relation to
inserts

kneeling

platform

rear

unwinds

wrapped around

BASIC

cracks
crew

laid out

performance measures
procedure

squad leader

TECHNICAL

adjusting nut
all bubble level
all correct
ammunition bearer

barrel
baseplate
bipod

chain hook

deflection
DERS locking pin
direction stakes
doubled chain
dovetail slot

elevation

finger clearance (2)
firing pin

gear case
guide tube
gunner
ground-mount

lays on
locking nuts

make premount check
mortar 81-MM
mount attachment ring
mounting data
M53 sight
M34A2 sight

rotatable socketcap

shock absorber
sight (n)
sight case
spherical projection
spread chain

traversing bearing

yoke assembly

MOS 11C
071-321-3902
Boresight 81-MM mortar

SKILL LEVEL 1

GENERAL	BASIC	TECHNICAL
alined	aiming stakes	boresight
check	scale	center traverse
insure	screws	deflection setting
loosen	screwdrivers	elevation knob
pick		elevation setting
preparing		level elevation bubble
retighten		micrometer scale
secure		M45 boresight
slip		M53 M34A2 sight
		81-MM mortar
		M125A1 mortar carrier
		sight unit
		verilical crosswire

MOS 11C
071-321-3903
Perform safety check on 81-MM mortar (ground-or carrier mounted)

SKILL LEVEL 1

GENERAL

check for
conditons

doubled

hooked

locked

standards

taut

will clear

within

BASIC

hand-tight

IAW

performance measures

squad leader

TECHNICAL

baseplate
bipod leg
bubble
buffer clevis lock

cannon assembly
clearance

elevation knob

fire

hatch

lever
locking out

MAK & overhead
mount attachment ri

rounds

shock absrober celvi
pin
socket cap

turntable locking

MOS 11C
071-321-3904 SKILL LEVEL 1
Lay mortar for deflection and elevation (D &E) (ground/corner mounted).

GENERAL	BASIC	TECHNICAL
announced	all elements	bipod
checks	compensated	D & E
conditions	data	deflection
data	performance measures	gunner
given	squad leader	81-MM mortar
initial (adj)	takes up	sight picture
laid in	unlatches	travel locking handle
placed out on		traversing mechanism
standards		turntable
		vertical crossline

MOS 11C
071-321-3905
Prepare 81-mm mortar ammonition for firing

SKILL LEVEL 1

GENERAL

condition
counter clockwise

depend upon
depression of

given

IAW
identification
in the form of
indexed
insertion of

notified

prematurely
prior to

reinserted
repacked

select.
standard
stored

unused

within

BASIC

arm (V.B.)

detonation

expenditure

performance measures

serviceability

unbutton

TECHNICAL

air burst
ammunition bearer

cartridge
charges
creep spring

EOD personnel

fuze body

high explosives

ignition cartridge
illumination

M18 fuze wrench
M25 fuze setter
M532 fuze
mortar 81-MM

plunger safety pin
projectile
propelling

rounds

safety pull wire
SQ index (super delay)
stenciled
stricker (fuze point)

target
time scale

wavy wahser
white phosphorus

MOS 11C
071-321-3906
Perform operator maintnenace on 81-MM mortar and associated fire control equipment

SKILL LEVEL 1

GENERAL

apply

bent
broken
brush
bulgs

carbon
check for
chipped
conditions
cracks (n.)

ents

exclude

free of

inspection
insure

loose
lubricate

mildew

rags
rinse
ips
rotting
rust

scratched
soap
standards

wear

BASIC

adjustment

corrosion
croucus cloth

immersed

laquer

name plates
neat's foot oil

performance measures

repaint

saddle soap
serial numbers
spot painting

TECHNICAL

barrel assembly
baseplate assembly
bipod
buckles

color graduation marks

dovetail bracket

elevating mechansim

firing pin

grommets

indexing gears

lenses
locking lever

muzzle cover

nut

optical sights

rheostat knob
ribs
rifle bore cleaner
rubber seal

shock absorber cleers
shoulder pad
spindle

transvering mechanism
traversing
turntable

24

MOS 11C
071-321-3907
Remove a misfire from the 81-MM mortar (ground mounted)

SKILL LEVEL 1

GENERAL

announces

brace

conditions

depress
disposed

fingertips

given

IAW

perform
procedures

reach down

slides out
slip
standards

the rest of

within

BASIC

barehanded

dislodge

hanging

kicks

performance measures

relays

TECHNICAL

cannon (barrel)

firing pin

gunner

misfire
mortar round
81-mm mortar

target

MOS 11C
071-321-3909
Refer sight and realine aiming posts

SKILL LEVEL 1

GENERAL

aligned
assistants

conditions
continue on

data

elevation

given

IAW

knock it down

mounted
move out

on the double

standards

take place

BASIC

deflection

gunner

performance measures

re-lay (relaid)

TECHNICAL

administrative
ammo bearer
arm and hand signals

bipod
bubble level

deflection

fire command

gunner

handwheel

micrometer knob
81-MM mortar

realine aiming post

sight aiming posts
sight picture

traverse

MOS 11C
071-321-3910
SKILL LEVEL 1
Reciprocally lay mortar using M2 aiming circle and place out aiming posts.

GENERAL

aline

conditions

data

given

indexes

standards

BASIC

gunner

performance measures

TECHNICAL

aiming posts
ammo bearer
azimuth

deflection
deflection micrometer kn
direction stake

gunner
line of sight

mortar
M53 sight
81-MM mortar
M34A2 sight

reciprocally
red scale

sight (n.)

vertical crossing

MOS 11C
071-321-3911
Manipulate mortar for traversing and searching fires.

SKILL LEVEL 1

GENERAL

conditions

data
deflection

elevation

given

insure

standards

within

BASIC

element of

mounted

performance measures

TECHNICAL

aiming posts

fire command
firing data

gunner

81-MM mortar

searching mission
sight

traversing mission

MOS 11C
071-321-4053
SKILL LEVEL 2
Fire a ladder mission using fire without an FDC (direct alinement)

GENERAL

acting
alined

conditions

determine

effective
estimate

given

halfway between

AW
in relation to
intervals

land (v.)

option of

standards
subtract

BASIC

mounted

performance measures

squard leader/ FO.

TECHNICAL

defilade position
direction stake

FAR round
fire for effect
firing table

GT range
gun -target

ladder method

mortar crew
mortar target range
81-MM mortar

near round

targets

MOS 11C
071-321-4054
Fire a traversing mission using fire without an FDC

SKILL LEVEL 2

GENERAL	BASIC	TECHNICAL
acting	binoculars	azimuth
conditions	gunner	bracketing method
elevation	performance standards	defilade position
given	squad leader	finger/hand/MIL method
mounted		handwheel
picking		method
prior to		81-MM mortar
standards		
subsequent		
within		

MOS 11C
071-321-4055
SKILL LEVEL 2

Engage a deep target using searching fire without an FDC.

GENERAL	BASIC	TECHNICAL
acting	performance measures	bracket method
adjustment	squad leader/FO	charge (n)
conditions		deep target
elevation		defilade position
engage		
emgage,emt		firing table
estimates		FO position
far end		mortar crew
given		81-MM mortar
IAW		searching fire
depth		stake
interfering		
mounted		
preceding		
range		
towards		
within		

MOS 11C
071-321-3912

SKILL LEVEL1

Place a carrier-mounted 81-MM mortar into action

GENERAL

acting as ____
allow
attach

closed
command
complete
completed
correct data
counted

determine

exceed

ven
grasp

insure that

left edge
looking through
loosen

needs shifting

obtain
open

performance measures
place (v)
lace into action

raise
reach up

satisfied
set (v)
step away from

take place
tell
to rear of

while _ is _ing
within
within 2 turns of

BASIC

gunner

IAW

squad leader

TECHNICAL

announce
assistant gunner

bipod
bipod assembly
bipod locking lever
bipod support
bubbles level

caliber, 50 machinc gun
cannon
center slots
commander cupla
correct alinged sight pic
correct deflection
cross level bubbles

deflection
direction stake
disengage
dove-tail slot
driver

elevation

gunner

latch _ back
latch cupola
latched
lay (of mortar)
lock (v)

meters
MILS
mortar
mortar 81-MM
M125A1 mortar

normal firing position

ramp
ratchet
released
remove tie down strap
required minor adjustmen
roof hatches

sight
sight extension
squad leader
stow tiedown strap

MOS 11C
071-321-3912

GENERAL	BASIC	TECHNICAL
		tie down strap in place
		to your right action
		travel position
		traversing bearing
		turntable locking handle
		turntable locking lever
		unhook hrs end
		unlatch
		"up"
		vertical cross line
		within outer rep lines

MOS 11C
071-321-3917
Remove a misfire from the 81-MM mortar (carrier-mounted)

SKILL LEVEL 1

GENERAL

action
acting as _
allow
allow _ to_
as _as possible
at rear of
at this point
attempt to

bare handed
between

calls forward
caught by
cause
certain actions
conditions
continue
continues down
cool enough to handle
cool to warm

determine
determines
during firing

except

fingertips

given

hanging_ somewhere
heat
high

if it should
inspected

join (v)
joined (v)

kick _ several times

lifted
lightly touches
lower
lowers

more to the rear
move

notes

BASIC

crew member
IAW

TECHNICAL

ammo bearer/driver
announces
approximately
assistant gunner

cannon (barrel)
carrier
(carrier mounted)
centered
clear (v)
crew member
cross beam

delayed action
depresses
dislodge

elevating crank

firing (n)
firing pin
full turns (30)

gunner

lay it out of the way
leave the carrier
loud voice
lowest elevation

misfire
misfire procedures
misfired round
mortar crossbeam
81-MM mortar
muzzle
M68

ramp opening
ramp is up
re-lock
remounts

sight
sight extension

the base
the crew
training cartridge
turn (¼)
turntable
turntable locking handle

MOS 11C
071-321-3917

GENERAL	BASIC	TECHNICAL
occurs		wooden dummy round
occurred		
on top		
passed to		
perform _ within		
place back into		
place hands on_		
placed in		
prepared for		
prior to		
raise		
reach down		
ready		
receiving		
:move		
removal of		
replace		
slide out		
slowly, moothly		
stake		
standards		
standing		
starting at		
struck		
sure		
take place		
the mission		
the rest of		
to the left		
trash		
under		
until		
wait _		

MOS 11C
071-321-3902
Boresight 81-MM mortar

SKILL LEVEL 1

GENERAL	BASIC	TECHNICAL
alined	aiming	boresight
check	scale	center traverse
insure	screws screwdrivers	deflection setting
loosen		elevation knob elevation setting
pick preparing		level elevation bubble
retighten		micrometer scale M45 boresight
secure slip		M53/ M34A2 sight 81-MM mortar M125A1 mortar carrier
		sight unit
		vertical crossline

MOS 11C
071-321-3903 SKILL LEVEL 1
Perform safety checks on 81-MM mortar (ground-or-carrier grd mounted)

GENERAL

check for
conditions

doubled

hooked

IAW

locked

standards

taut.

'll clear

within

BASIC

hand - tight

performance measures

squad leader

TECHNICAL

baseplate
bipod leg
bubble
buffer clevis locking pin

cannon assembly
clearance
clevis lock pin

elevation knob

fire

hatch

locking nut

mask and overhead
mount attachement ring

rounds

shock absorber
socket cap

turntable locking lever

MOS 11C
071-321-3904 SKILL LEVEL 1
Lay mortar for deflection and lay elevation (D & E) (ground/corner mounted)

GENERAL	BASIC	TECHNICAL
announced	all elements	bipod
checks conditions	compensated	D & E deflection
data	data	gunner
given	performance measures	81-MM mortar
initial (adj)	squad leader	sight picture sight set
laid on	takes up	turntable
placed out on	unlatches	
(andards		

MOS 11C
071-321-3905
Prepare 81-MM mortar ammonition for firing

SKILL LEVEL 1

GENERAL

condition
counterclockwise

depend upon
depression of

given

IAW
identification
in the form of
indexed
insertion of

(otified

prematurely
prior to

reinserted
repacked

select
standard
stored

unused

within

BASIC

arm (v.b.)

detonation

expenditure

performance measures

serviceability

unbutton

TECHNICAL

air burst
ammunition bearer

cartridge
charges
creep spring

EOD personnel

fuze body

high explosives

ignition cartridge
illumination

mortar 81-mm
M25 fuze
M532 fuze

plunger safety pin
projectile
propelling

rounds

safety pull wire
SQ index (super delay)
strap wrench
stenciled
stricker (fuze point)

target
time scale

wavy washer
white phosphorus

MOS 11C
071-321-3906
Perform operator maintenance on 81-MM mortar and associated fire control equipment.

SKILL LEVEL 1

GENERAL

apply

bent
broken
brush
bulgs

carbon
check for
chipped
conditions
cracks (n.)

dents

exclude

free of

inspection
insure

loose
lubricate

mildew

rags
rinse
rips
rotting
rust

scratched
soap
standards

wear

BASIC

adjustment

corrosion
crocus cloth

immersed

laquer

name plates
neat's foot oil

performance measures

repaint

saddle soap
serial numbers
spot painting

TECHNICAL

barrel assembly
baseplate assembly
bipod
buckles

color graduation marks

dovetail brackets

elevating mechanism

firing pin

grommets

indexing gears

lenses
locking lever

muzzle cover

nut

optical sights

ribs
rifle bore cleaner
rheostat knob
rubber seal

shock absorber cleirs
shoulder pad
spindle

traversing
traversing mechanism
turntable

MOS 11C
071-321-3909
Refer sight and realine amiming posts

SKILL LEVEL 1

GENERAL

alined
assistants

conditions
continue on

data

elevation

given

IAW

knock it down

mounted
move out

on the double

standards

take place

BASIC

defliction

gunner

performance measures

re-lay (relaid)

TECHNICAL

adminstrative fire command
ammo bearer
arm-and-hand signals

bipod
bubbles level

deflection

gunner

handwheel

micrometer knob
81-MM mortar

realine aiming posts

sight aiming posts
sight picture

traverse

CS 11C
71-321-3910 SKILL LEVEL 1
eciprocally lay mortar using M2 aiming circle and place out aiming posts.

GENERAL	BASIC	TECHNICAL
Line	gunner	aiming posts
Conditions	performance measures	ammo bearer
Data		azimuth
Given		deflection
Indexes		deflection micrometer knob
Standards		direction stake
		gunner
		line of sight
		mortar
		M53 sight
		81-MM mortar
		M34A2 sight
		reciprocally
		rescale

[illegible] 11C
[illegible]-321-3911
[illegible]pulate mortar for traversing and searching fires.

SKILL LEVEL1

[illegible]ERAL

[illegible]nditions

[illegible]
[illegible]lection

[illegible]evation

[illegible]ven

[illegible]sure

[illegible]andards

BASIC

element of

performance measures

TECHNICAL

aiming posts

gunner

fire command
firing data

mounted
81-MM mortar

searching mission
sight

traversing mission

MOS 11C
071-321-4053
Fire a laddermission using fire without an FDC (direct alinement)

SKILL LEVEL 2

GENERAL

acting
alined

conditions

determine

effective
estimate

given

halfway between

IAW

in relation to

intervals

land (v.)

option of

size

standards
subtract

BASIC

mounted

performance measures

squad leader

TECHNICAL

defilade position
direction stake

far round
firing table

(GT) range
gun-target

ladder method

mortar crew
mortar -target range
81-MM mortar

near round

targets

MOS 11C
071-321-4054
Fire a traversing mission using frie without a FDD

SKILL LEVEL 2

GENERAL

acting

conditions

elevation

given

mounted

picking
prior to

standards
subsequent

within

BASIC

binoculars

gunner

performance standards

squad leader

TECHNICAL

azimuth

bracketing method

deflade position

finger/hand/mil/ method

handwheel

81- MM mortar

traversing

MOS 11C
071-321-4055
Engage a deep target using searching fire without an FDC.

SKILL LEVEL 2

GENERAL

acting
adjustment

conditions

elevation
engage
engagement
estimates

far end

given

IAW
n depth
interfering

mounted

preceding

range

towards

within

BASIC

performance measures

squad leader/FO

TECHNICAL

bracket method

charge (n)

deep target
defilade position

firing table
FO position

mortar crew
81-MM mortar

searching fire
stake

MOS 11C
071-322-4201
Ground mount 107-MM (4.2) mortor

GENERAL

act as
actions
all the way

bring up
broken

closed
complete
conditions
connection

given

he wants it

in front of
in relation to

lift and move
lower (v)

make checks
missing
move to
moves freely

notify

open side

parts
perform
performance measures below
piece of equipment
place anywhere
place in backward
pulls toward himself

rest on the ground
right shoulder

soldier
satisfied
standard

to the left
to the right

with
works freely
works smoothly
wrong

BASIC

command
crew
crew members

IAW

member

squad leader

TECHNICAL

assistant gunner

base plate stake

directional stake

first ammunition handler

ground mount
gunner

laid out

M 53
MM 107 mortar
M 34A2
mortar crew
mounted within

second ammunition handler
sight

CS 11C
71-322-4202
resight 107 MM (4.2 in) mortar

GENERAL	BASIC	TECHNICAL
ase (n) of		alined
tween		alinement
		assistant gunner
eck		
ecking		bubbles level
mplete		
nditions		center traverse
		deflection
etermine		direction stake
		distant aiming point
dge		
		elevation
ven		
		fixed deflection
sure		
		index (v)
ob		index mark
		meters
aft side of		micrometer scale
osen		MIL variation
		mounted
less than		M45 boresight
		M53 M34A2 sight (n)
eck (v)		MM-107 (4.2 in) mortar
rformance measures		
ace underneath		perpendicular to
per		proper alinement
ght side of		red scale
tate		
		setting (n)
rewdriver		sight case
ure (v)		sight unit
ndard		slip (v) scale
ns		vertical crossline
til it reads		
e either method		
thin		

MOS 11C
071-322-4203
Perform safety checks on 107 MM mortar (4.2-IN) mortar ground and carrier mounted

GENERAL

between

check
check for
clearance
conditions

eye

from

ground

in either direction
insure

lower

note (v)
notify

operational

performance measure
placed near
properly inserted

raise
removed
right

safety check
support

to the front
turned

BASIC

IAW
squad leader
weapon

TECHNICAL

acting gunner

barrel
bridge assembly
bridge socket
bridge spade

cannon
carrier mounted mortar

during firing

elevating assembly cam
elevating mechanism cam

firmly latched
fired

ground and carrier mounted
gunner

has contact with

innermost detent

locked position

mask
mask clearance
MILS elevation
mortor hatch covers
mortor locking pin assembly
mortor 107 MM

noticeable cant

observation
over hanging
overhead clearance

path of the round
point
proberly coupled
properly seated

recoil stop
rotator assembly
rotator pad

sand bags
standard base
sight (v)

MOS 11C
071-322-4203

GENERAL

BASIC

TECHNICAL

traversing lock handle
trunnion beraings
trunnion detent pins
tube cap

MOS 11 C
071-322-4204
Lay mortar for defection and observation (D and E) ground carrier mounted

GENERAL	BASIC	TECHNICAL
as soon as	squad leader	aiming posts
		alines sight
checks		all elements of
conditions		assistant gunner
		approximately on
given		
		bubbles level
in the form of		
		center position
left edge		change
less than		correctly laid
		compensated sight picture
moves		
performance measures		data is announced
picks up		deflection
placed out on		D + E
repeated		elevation
the same as		fire command
two turns to the left		firmly seats
or right of		
		high range
vice versa		
		initial fire command
within		
		lay
		level
		locks turn table
		low
		MILS
		mortar
		mortar 107 MM
		mounted
		place onsight
		referred deflection
		rotate turn table
		set
		sight (n)
		sight picture
		small deflection
		spade end of bridge
		takes up proper
		traverse locking handle
		traverse onto
		traversing mechanism unlatch
		certical crossline

MOS 11C
071-322-4205
Prepare 107-mm (4.2-in) Marker Ammunition for Firing

GENERAL

add
adhering to
applicable
applied

components
conditions
consist of
correct

damage
defective
desired
determine
differ from
during handling

equal to
examine

falling off
feeling the position
of the slot
for disposal

given
good condition

identification
in the dark
in this order
inter changed
is worth
inspect
insure that

leave (v)
less than
light green
looking downward
loose material

make sure
mechanical

normally call for
note (v)

BASIC

IAW
SOP

TECHNICAL

accidental ignition
accurate settings
action
aline with
ammunition bearer

base ejection M335A1
basic propellant
binds
black markings

cavity
cartridge extension
charge (n)
clockwise direct
closing plug
cover of fire

deep cavity round
delay
delay action

extension
extension handle

FDC
fire mission
fivepack
foreign material
fraction of
fuze setter
fuze shoulder
fuze proximity M513
fuze PD M557
fuzed

hammer
high explosive
high explosive filler
holder

ignition cartridge
illuminated
illummating projectitles
immediate expedture
impact action
in groove
increment bundles
initial fire command
internal workings

MOS 11C
071-322-4205

GENERAL

performance measures
place aside
place on its side
pointing to
preparing
presense of
prevent
prior to
protect against
push-against

normally call for
note (v)

securley
select
sharply
steps
stirike

take care
the right
tighten
to the nearest
to the nearest second
total of
transporting
turn

within
whichever

BASIC

TECHNICAL

M8 sheet propellant increments
M9 flake propellant bag
M14
M18
M18 fuze wrench
M36 propelling charge
M26
M63 fuze setter
M513 procimity fuze
M7A1 fuze wrench
mechanical time

no space between
no back up rule
nose (of fuze)
nose threads

OD w/yellow markings
orginal condition packing

proper slot
propellent charge
point detonating action
possible misfire

Qualified ammunition
personnel

red markings

safe
safety wire
screw (v)
seals unbroken
seats firmly against
set (v)
set (fuze)
setting (n)
2 sheets sewn together
shell
shipping mark "s"
single charge
stenciled
striker nut
superquick (MT SQ) fuze
supplementry charge

tab lifting
tail assembly of round
threaded portion of
time settings
types of rounds

unfuzed
unfuzing

2K

MOS 11C
071-322-4205

GENERAL

BASIC

TECHNICAL

vernier scale

white phosphouus
whole
wire propellant
wrench handle
wrench slots

MOS 11C
071-322-4206
Perform operations maintenance on 107 mm (4.2) mortar and equipment

GENERAL

apply
apply (v)

bad insulation
broken

care and cleaning
chipped
clean
cold weather invironment
conditions
cracks
correctable
corrected

defective item
detect
dry (v)
dryness

except
exclude switches

few drops of

given

hold firmly

inspect
in the shade

knobs

light bulbs
lightly oil

mild soap

name plate
notify immediately

operate smoothly
operator
outlined

performance measures
procedures

remove dust
repaint
required
rust

sand (v)

BASIC

crew

TECHNICAL

aiming past light
all unpainted metal par
are fired
artillery grease
automotive grease

base plate assembly
battery case
battery contacts
bent out of shape
bolts
bridge socket

cables
camel's hair brush
cannon
canvas tool rolls
clamp
cleaning compound
cleaning staff
cleaning tool rolls
clear lacquer
complete
count (v)
coupling sight assemb
croucus plate

deficiencies
deflection/elevation
scales
desired setting
dove tail bracket

elevation
excessive wear
equipment

film of preservative
lubricating oil
filters
fire mission
free of burrs or dents
free of corrosion

heats foot oil
heavy coat
huts

immersed in water
instrument light

joints

leather muzzle cover

MOS 11C
71-322-4206

GENERAL

scratched
specific details
spotpaint

tighten

unpainted surfaces
unusual conditions

wash
wipe dry

BASIC

TECHNICAL

lens cleaning tissue
lenses
lubricate

mildew
mold
mortar
muzzle cover
M45 boresight

oil (v) the bore
oily cloth
optical parts
organizational maintenance personnel

PL special

rags
rheostat knob rubber seal
rifle bore cleaner
rounds
rotator assembly
rotator lock socket
run through

saddle soap
saturate
screws
serial number
shock absorber
shock absorber slides
sight
sight light
sight locking devices
special tools
swab

top beraing surface
traversing mechanism

under bearing surface of

vinyl coated fabric

wiring it out

MOS 11C
071-322-4207
Remove a misfire from 107MM (4.2 in) mortar (ground-mounted)

GENERAL

accident
acting as
at the same time
available

bare hands

carefully lift
causing
caution
checks it
come forward
conditions

disengage
disturbing
during

easiest
entreme left/right
except
extend over

faces to
fail to
front of

given

handle
handling
hnads cupped
heat
highest
hold

keep-away from
keep it off
kicks several times

lays it
leave (v)
lowest

move to (v)

notes (v)

occured
outside

perform-within
place (v)

BASIC

barrel

firing

IAW -

soliders
squad

wooden dummy round

TECHNICAL

ammo bearer
ammo bearer/driver

announces
assistant gunner

bore (n)
bridge assembly
burrs

call direct support
cannon
cant (v)
cartridge
coupling
crew member

defective stricker point
delayed action
dislodge

firing
firing pin
foreign matter
fuze

ground mounted

hanging
high range
horizonal position tilt

locally designated area
low range

MILS
misfire procedures
mortor 107-mm
muzzle
muzzle end of

propelling charge

realy (v)
respostion
reseat (v)
right tube cap trunnion
rim of muzzle
round

MOS 11C
071-322-4207

GENERAL

signals
possible
somwhere between - and -
prevent
prior to
pulls
pushes

raises
removes
required
rest (v)
returns
right hip

afe distance
afest
signals
snow
somewhere between - and -
stand clear of
standard

take place
thumbs
touch

underneath
upright position

wait
water
eight

BASIC

TECHNICAL

safety pin
sight
sight charge
sight mount assembly
swab (v)

tilted
traverses
traversing assembly
slide

unit maintenance person

26

MOS 11C
071-322-4208
Refer sight and recline aiming posts

GENERAL

act as
actions
arrives
as soon as

check
command
complete
conditions
continue

distrubing

exceed

given

knock it down

level

performance measures
place (v)
place aside
place data
process

qualified personnel

ready
receiving
refer
repeated

start

take place
turned

up

within

BASIC

gunner

IAW

move out

on the double

TECHNICAL

administrative fire command
aiming posts
aline
alined
alined sight picture
ammo bearer
arm and hand signals
assistants
await

bridge
bubbles

center
center (v)
center of traverse

data
deflection
deflection micrometer knob

elevation

far post
fire command
for aiming posts

gunner

later disposition
lay of mortar

micrometer knob
mortor 107-mm
mounted

recline
refer, "realine aiming posts"
relaid (v)
relay

shift (v)
sight
signals

traversing bearing
traversing hand wheel

up

vertical crossline

MOS 11C
071-322-4209
Reciprocally lay mortar using M2 aiming circle and place out aiming posts

GENERAL

as soon as
approximately
away from

between - and -

cause
conditions

engine noise
exchange of

far

give commands
given

half the distance

left edge

message

not less than
not more than

only can be seen
operator

place data
prepared
process

repeat
repeated

within

BASIC

assistant

gunner

TECHNICAL

A. C. operator
aiming point ide
aiming point thi
trument
aiming posts
aline
ammo bearer

bubbles level

carrier mounted
center of
center of ac hea

deflection
deflection 2800
direction stake

head of

initial azimuth
indexing gear

laid (v)

M2 aiming circle
M53 sight
0900 MILS elevat
micrometer knob
mortor (107 MM)
mount (v)
mounted

number one defle
overcome

place out aiming
placing out

ready for rechec
reciprocally lay
mortors
rep scale
refers (v)
relay

set
shifted
sight set
stake (n)

traversing

MOS 11C
071-322-4209

GENERAL

BASIC

TECHNICAL

mechainism centered turntable

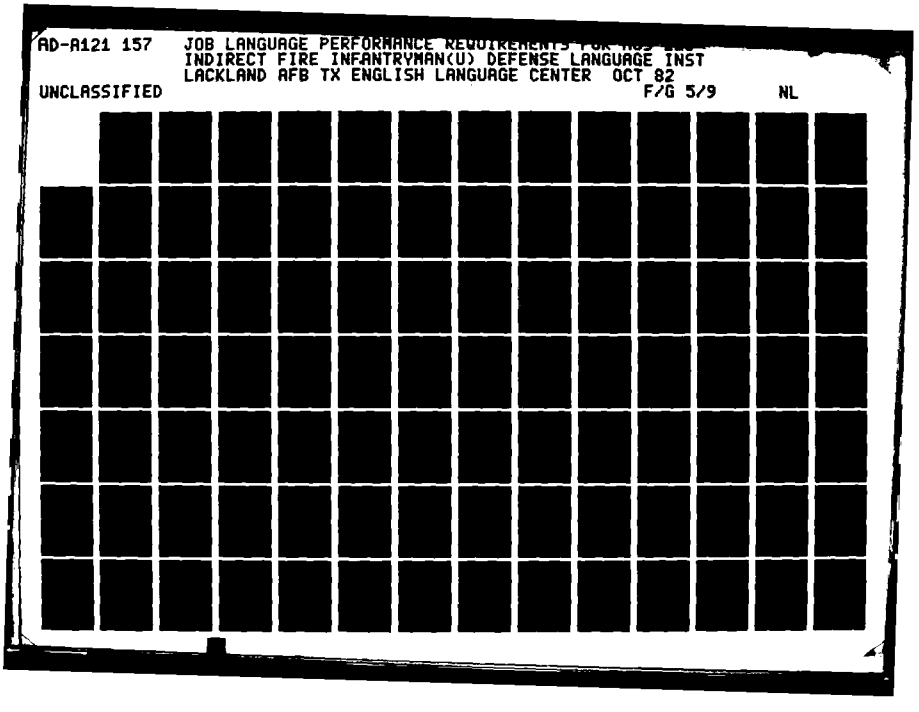
vertical cross-line
vertical line of sight

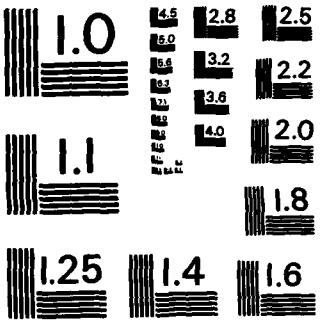
MOS 11C
071-322-4210
Manuplate mortar for traversing fire (ground-or-carrier mounted)

GENERAL	BASIC	TECHNICAL
check (v)		aiming posts
command		asssitant gunner
error		back off
given		centered
		crossline sight
issue (v)		deflection
left edge		evaluation
no more than		"fire"
prepated to		firing data
process		initial fire comma
repeat		laid
specified		manipulate
turns (n)		MILS
		107-MM mortor
within		mounted
		rounds
		sight
		traverse
		traversing bearing
		vertical crossline

MOS 11C
071-322-42-02 SKILL LEVEL 1
Reciprocally Lay Mortar, MZ aiming circle and Place out aiming posts.

GENERAL	BASIC	TECHNICAL
approximately	assistant gunner	
as soon as		
away from		
between _ and _		
cause		
conditions		
engine noise		
exchange of		
far		
give commands		
iven		
half the distance		
left edge		
message		
not less than		
not more than		
only can be seen		
operator		
place data		
prepared		
process		
repeat		
within		


AD-A121 157 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR
INDIRECT FIRE INFANTRYMAN(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER OCT 82
UNCLASSIFIED F/G 5/9 NL



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

MOS 11C
071-322-4203

GENERAL	BASIC	TECHNICAL
		sand bags
		standard base
		traversing lock handle
		trunnion bearings
		trunnion detent pins
		trunnion pins
		tube cap
		up along
		wing nut

:OS 11C
)71-322-4204
Lay Mortar for deflection and elevation (D&E)

SKILL LEVEL 1

GENERAL	BASIC	TECHNICAL
as soon as	squad leader	aiming posts
		aligne sight
checks	takes up proper sight picture	all elements of
conditions	traverse tracking handle	approxamately on
	traverse mechanism	assistant gunner
given		assistant gunner cross levels
in the form of	unlatches	
		bubbles level
left edge		
less than		center position
		change
moves		compensated sight pictur
		corectly laid
performance measures		
picks up		data is announced
placed out on		deflaction
repeated		elevation
the same as		fire command
to the left or right of		firmly seats
two turns		
vice verse		high range
within		initial fire command
		lay
		level
		locks turntable
		low range
		mils
		mortar
		mounted
		108 MM mortar
		place on sight
		refered deflection
		rotate turntable
		set
		sight (n)
		small deflection
		spade end of bridge

MOS 11C
071-322-4205
Prepare 107MM mortar ammunition for firing

GENERAL

add
adhering to
applicable
applied

componets
conditions
consist of
correct

damage
defective
desired
determine
differ from
during handling

equal to
examine

falling ogg
feeling the position of the slot
firing
for disposal

given
good condition

identification
inspect
insure that___
inter changed
in the dark
in this order
is worth

leave (v)
less than
light green
looking downward
loose material

make sure
mechanical

note (v)
normally call for

performance measure
place __ aside
place on its side

BASIC

IAW
SOP

TECHNICAL

accidental ignition
accurate settings
aline with
ammunition bearer

base ejection M35A1
basic propellant
binds(v)
black markings

cartridge extension
cavity
charge (n)
clockwise direction
closing plug
cover of fire container

deep cavity round
delay
delay action

extension
extension handle

FDC
fire mission
five-pack
foreign material
fraction of
fuse, proximity M513
fuze PDM 557
fuze setter
fuze shoulder
fuzed

hammer (v)
high explosive
high explosive filler
holder

ignition cartridge
illuminated ammunition
illuminating projector
interal workings
immediate expenditure
impact action
increment bundles
index mark
initial fire command
in groove

MOS 11C
071-322-4205

GENERAL

pointing to the right
presence of
preparing
prevent
prior to
protect against
push - against

receipt of
reject
remove
removed
replacing

securely
select
steps
strike (v)
strike sharply

take care
tighten
to the nearest___
to the nearest second
total of
transporting
turn

which ever is
within

BASIC

TECHNICAL

left hand thread
lid

mechanical time
M8 sheet propellant incre
M9 flake propellant bag
M14
M18
M18 fuze wrench
M26
M36 propelling charge
M63 fuze setter
M7A1 fuze wrench
M513 proximity fuze

no back up rule
nose (of fuze)
nose threads

OD w/yellow markings
orginal condition and
packing

point detonating action
possible misfire
powder bag
propelling charge
proper slot

qualified ammunition
personnel

red markings

safe
safety wire
screw (v)
seals unbroken
seats firmly against
set (fuze)
set (v)
setting (n)
sheets sewn together (2)
shell
sheets
shipping mark "s"
single charge
stenciled
stricker nut
super quick (MTSQ) fuze
supplementary charge

tail assembly of round
tap lifting loop

GENERAL	BASIC	TECHNICAL
		threaded portion of
		time settings
		types of rounds
		unfused
		unfusing
		vernier scale
		white phosphorus
		whole
		wire propellant
		wrench handle
		wrench slots
		90°

MOS 11C
071-322-4206

Perform operator maintenance on 107 MM mortar and equipment

GENERAL

apply
apply (v)

bad insulation
broken

care and cleaning
chipped
clean
cold weather environment
conditions
correctable
corrected
cracks

defective item
detect
dry (v)
dryness

except
exclude switches

few drops of

given

hold _ firmly

in the shade
inspect

knocks

light bulbs
lightly oil

mild soap

name plate
notify - immediately

operate smoothly
operator
outlined

performance measures
procedures

remove dust
repaint
required
rust

BASIC

crew

TECHNICAL

aiming post light
aleration
all unpainted metal part
are fired
artillery grease
automotive grease

base plate assembly
battery case
battery contacts
bent out of shape
bolts
bridge socket

cables
camel's hair brush
cannon
canvas tool rolls
clamp
cleaning compound
cleaning staff
clear lacquer
coat (v)
complete
crocus plate

deficiencies
deflection/elevation sc
deficiencies

equipment
excessive wear

film of preservative
filters
fire mission
free of burr or dents
free of corrosion

heat's foot oil
heavy coat

immersed in water
instrument light

joints

leather muzzle cover
lens cleaning tissue
lenses
lubricate
lubricating oil

29

MOS 11C
071-322-4206

GENERAL

sand (v)
scratched
specific details
spot paint

tighten

unpainted surfaces
unusual conditions

wash
wipe dry

BASIC

TECHNICAL

mildew
mold
mortar
muzzle cover
M65 boresight

nuts

oil cloth
oil (v) the bore
optical parts
organizational maintenance personnel

PL special

rags
rheostat knob
rifle bore cleaner
rotator assembly
rotator lock socket
rounds
rubber seal
run through

saddle soap
saturate
screws
serial number
shock absorber
sight
sight locking devices
sight light
special tools
swab

top bearing surface
traversing mechanism

under bearing surface of

vinal coated fabric

wiring it out

3 C

MOS 11C
071-322-4200
Refer sight and realign aiming posts

GENERAL	BASIC	TECHNICAL
Act as	gunner	administrative firecommand
Actions		aiming posts
Arrives	move out on the double	aline
As soon as		alined
		alined sight picture
Check		ammo bearer
Command		arm and hand signals
Complete		assistants
Conditions		await
Continue		
		bridge
Disturbing		bubbles
Exceed		center
		center (v)
Given		center of traverse
Hook it down		data
		deflection
Level		deflection micrometer knob
Level "up"		
		elevation
Performance measures		
Place (v)		for aiming post
Place aside		for post
Place data		fire command
Process		
		gunner
Qualified personnel		
		later disposition
Ready		lay of mortar
Receiving		
Refer		micrometer knob
Repeated		mortar 107MM
		mounted
Start		
		realign
Take place		refer, realign aiming
Turned		posts
		reload (v)
With in		relay
		shift (v)
		sight
		signals
		traversing bearing
		traversing hand wheel
		"up"
		vertical crossline

MOS 11C
071-322-4210

SKILL LEVEL 1

BASIC

GENERAL

check
command

error

given

issue (v)

left edge

no more than

prepare to
precede

repeat

specified

turns (n)

within

TECHNICAL

aiming posts
assistant gunner

back off

crossline sight

deflection

elevation

"fire"
firing data

initial firing command

laid

manipulate
MILS
mounted

number of rounds specified

pot on mortar

sight

traverse
traversing bearing

vertical crossline

MOS 11C
071-321-1601 Skill Level 2
Prepare the M16 Plotting Board for Operation on an observed chart determine initial firing data for mortars (pivot point)

GENERAL	BASIC	TECHNICAL
alined	performance measures	azimuth disc
conditions	reference point	chart RG (range)
	rounded off	chart DEFL (deflection)
data		CHG (charge)
determine		computer
digits		computer's record form
elevation		deflection scale
given		fired on
IAW		LARS rule
index (s)		M16 plotting board
location		M64A2 sights
		mortars
responsibility		mounting azimuth
rotate		
		range
set up		
standards		TIC mark
time		vernier scale
within		

Prepare m16 plotting board for operation on an observed chart and determine initial firing data for mortars (pivot point)

MOS 11C
071-321-1602 SKILL LEVEL 2
Process subsequent FD corrections using M16 plotting board (pivot point)

GENERAL BASIC TECHNICAL

above steps
accomplish
adjustment
applies only to
as they are fired

based on

checked
circle (v)
completed
computed
conditions
contain
contains

to
determine
directly over

erase

filled out

go to the right

include
indicate
information

just as it is received

keep track of

label (v)
labeled
leave it blank

marked

one small square
operation

pencil #2
place (v)
prepared for

receive
received
record
recorded
repeat
rotate

add (drops) 25

call for fire block
chart DEFL
computer's record w.u.
heading

deflection scale
disk

end of mission

FDC order
fire (v)
firing tables
first round plot
for deflection
FO's call for fire

heading
HEO
high explosive

illumination ammo
index (v)
india mark
initial fire command

meters
method of fire
mort to follow
mortar
1 MIL tolerance
M16 plotting board

observer corrections

range
(RDS & EXP) colum
registration complete
registration point (RP)
round (1)
round at a time (1)
rounds expended
RP symbol

section
shell and fuze
subsequent commands
subsequent corrections(3)
super quick fuze

TM - 312/PT

MOS 11C
071-321-1602

GENERAL

BASIC

TECHNICAL

standards

tell how to
the equilvalent of
triangle

until mission is completed

within _____
without error

MOS 11C
071-321-1603 SKILL LEVEL 2
Prepare M16 plotting board for operation as an observed chart (below pivot point) and modified observed chart.

GENERAL	BASIC	TECHNICAL
accomplish	index pt	azimuth
conditions	performance measures	computer
count	pivot point	coordinate syste
determine	specific reference	fire direction
disk	superimpose	grid coordinates
edge		intersection
establish		method of plotting
given		modified observed chart
index		M16 plotting board
observed		81-MM mortar
plot		N-S grid line
prepare		parallel line
record		survey chart
responsibility		targets
select		
set up		
standards		
within		

repare M16 plotting board for operation as observed chart (below pivot pt) and modified observed chart.

MOS 11C
071-321-1604

SKILL LEVEL 2

Process subsequent FO corrections using Mq6 plotting board as a modified observed chart

GENERAL	BASIC	TECHNICAL
check	FO's correction round	call for fir block
compute data		charge
conditions		computer's record
convert		coordinate system
corrections		deflection
determine		deflection scale
error		elevation
expended		(EOM) end of mission
given		FDC order
prepared		firing table
process		heading
range		method of fire
record		modified observed chart
rotate		mort to fire
standards		mort to follow
subsequent		mortar
within		M16 plotting board
		reference point
		shell and fuze
		time setting

Process subsequent FO corrections using M16 plotting board as a modified observe chart.

MOS 11C
071-321-1605
Determine data for sheaf adjustments

SKILL LEVEL 2

GENERAL

adjacent
attained

conditions
convert

determine
disk
desregards

elevation

given

intersect

lateral

notifies

perpendicular
procedure

range
realine
refired
request
reveres

standards

within

BASIC

bursts

firing data

gunner

obscures

performance measures

TECHNICAL

aiming posts
azimuth

base mortar

charge
converged sheaf

FDC equipment
flank burst
fuze setting

grid

index mark

mortar sights
mounting

open sheaf

parallel sheaf
pivot point
plotting position

sheaf
sheaf adjustment

trajectory

Determine data for sheaf adjustments

MOS 11C
071-321-1606 SKILL LEVEL 2
Determine data from re-requistration application of corrections

GENERAL	BASIC	TECHNICAL
computed	performance measures	chart range
conditions		
convert		end of mission
corrections		firing data sheet
data		range correction fa
entire		target locations
given		tolerance
posting		
previously		
range		
regardless of		
replot		
standards		
update		
valid		
whole number		

Determine data from re-registration and application of corrections.

MOS 11C
071-321-1607
Record information on firing data sheet (81-MM)

SKILL LEVEL 2

GENERAL	BASIC	TECHNICAL
conditions	on call	chart data
elevation	performance measures	date
errors		DEF corr
		DIR OF FIRE
identification		drift
information		
intersection		fire direction comput
		firing corrections
preplanned		firing data
previously		fuze time setting
record		GRID INT.
significance		intelligence
standards		
sufficient		met corrections
		mortar ALT
up-to-date		mortar GRID
		mortar platoon 81-mm
		Mt. AZ
		OP GRID/OP ALT RCF
		organization
		target ident.
		targets

Record information onf firing data sheet (81-mm)

MOS 11C
071- 321-1620
Determine firing corrections

SKILL LEVEL 2

GENERAL

adjustment
altitude
apply

compensate 2d
computed
conditions
coordinate
corrctions

deflection
determine
digit

falls short

en

modified

range

set up
standards

valid

BASIC

performance measures

rounds

target

TECHNICAL

adjsuted deflection

chart deflection

deflection correcti

firing data

LARS rule

M17 plotting board
modified

observed firing cha

surveyed chart

target

Determine firing corrections.

MOS 11C
071-321-1621
Record meterological (MET) data using MET data sheet (81-mm mortar)

SKILL LEVEL 2

GENERAL

adjustment
assume
avoid

compensate
computation
conditions
confusion
corrections

depicted
desplaces
duration of

enables
e ire
e.ror
exceeds

given

heightzone

indicates

latitude
longitude

maintain
means of
message

.ssions

presumed

record
rest of

standards

transmission

valid

within

BASIC

atmospheric pressure

broadcast

flight of rounds
format

performance measures

TECHNICAL

air temperature density

ballistic met message

DA Form 3675
datumplane

firing tables

grid azimuth

line number

meteorological message
mortar
81-mm mortar M374A2/M35A2
ammunition

powder temperature

target

MOS 11C
071-321-1622
Determine and apply MET firing corrections (81-MM mortar)

SKILL LEVEL 2

GENERAL

available

caret number
centigrade
columns
compute
computation
conditions
contribution

decimal number
deflection
divident number
divider number

fahrenheit

given

indicates

method
modify
multiply

previously
procedures

range
read across
record
rounded to

standards
subsequent

variations

within

BASIC

knot

performance measures

TECHNICAL

altitude
ammunition propellant

charge
chart range
cross wind

DA Form 2601-1
DA Form 3675
direction of fire

elevation

MET data corrections
mortar 81-mm
muzzle velocity

power temperature

range corrections fac
(RCF)

tabular firing tables

updating firing data

wind components

MOS 11C
071-322-1608
Prepare a Firing Chart for Operation and Determine Initial Firing Data

add
always rounded to
arrow

bottom side

calls in
chart
comparison
computed
conditions
construction
convenient
counter clockwise

device
digit
distance
draw (v)

enables
engage (pin)
establish
extends across

fine line
fire line
frequently

identification
indicating

known locations

labled
left edge
lift slightly
line (n)
list (v)
located by

mark (v)
measured
message

next to

aimed
angle
angle T
angular shift
azimuth indicer ballistic

ballistic

call sign
characteristic
coordinates
coordinate system

deviation changes
direction deflection ind.

estimation
expedite

FDC kit
firing chart

gauge line
graduated
graduation
graphical firing for
GT
gun-target

impact (v)
increments
index pinhole
integral multiple
interpolation
intervals
intersection
is considered

line of sight

manufactures
map (1:50,000)
marking tape
MILS
MIL ARC
meter (mm 107)
mounting azimuth

observed
one point
operation
opposite
over

parallel to
pencil
pencil (HB)
place (n)
plot
point
position
procedure

reached
read off
reinforced
removed
represented
result
right shift
rotate

scale
shift
shift (v)
short of
site
specific
stationary index

tight against
touches (v)
transmitted

visible

wears quickly
within

observed target
orient (v)
oriented (v)
OT line

pin
pin prick
pivot
place out
plotting pin
plastic cursor
polar coordinates
previously established

range arm
range protractor circle
registration point
round (v)

sector of responsibilit
shift
statistical uncertainty
superimposed

tabular fixing tables
target
target grid
two surveyed locations

uncorrectable

vertex point

MOS 11C
071-322-1600
Process subsequent FO corrections using the firing chart

GENERAL	BASIC	TECHNICAL
apply		associated equipment
conditions		charge
converting		chart data section
correct		computer
determine		computer's record
engaged		coordinates of mortar positions
include		deflections
mark label		elevation
plot(v)		fire direction
prepared		firing chart
process		FO corrections
record		M8 mortar (107)
report		range
standard map		range/deflection corre
standards		subsequent corrections
to the nearest		tabular firing tables
to within		target
		target grid

observed
one point
operation
opposite
over

parallel to
pencil
pencil (HB)
place (n)
plot
point
position
procedure

reached
read off
reinforced
removed
represented
result
right shift
rotate

scale
shift
shift (v)
sheet of
size
specific
stationary datum

right against
touches (v)
transmitted

visible

wears quickly
within

observer target
orient (v)
oriented (v)
Of line

pin
pin prick
pivot
place out
plotting pin
plastic cursor
polar coordinates
previously established

range arm
range protractor arm
registration point
round (v)

sector of responsibility

shift
statistical uncertainty
superimposed

tabular firing tables
target
target grid
two surveyed locations

unserviceable

vertex point

MOS 11C
071-322-1600
Process subsequent FO corrections using the firing chart

GENERAL	BASIC	TECHNICAL
		associated equipment
apply		charge
conditions		chart data section
converting		computer
correct		computer's record
determine		coordinates of marker positions
engaged		deflections
include		elevation
mark label		fire direction
plot(s)		firing chart
prepared		FO corrections
process		MM marker (107)
record		range
report		range/deflection corre
standard map		subsequent corrections
standards		tabular firing tables
to the nearest		target
to within		target grid

MOS 11C
071-322-1610
Determine Data For Sheaf Adjustment

applied
attained

calls for
conditions
covered by
converting

depends on
determine
disregards
distance

eliminates
equal to

fired

given

include

move

normally
notifies

obtained by

preceded by
procedure

recheck
request
reverses

selects
sends back
speed mission

technique
together
to the nearest

whenever
width

adjacent bursts
adjusted deflection
aiming circle
aiming posts
and elevation
angle T
azimuth

base mortar
bursts

cease fire
charge (n)
common deflection
compass
complex
computed
computer
converged sheaf
correct charge
corrections

deflections
deviation
directs observer

effective width
elevation

factor 100/R
FDC equipment
final adjusting point
firing data
flank bursts
fuse setting

GT line
gun target line

improper boresighting
individual
individual weapons
intersect

laid parallel
LARS rule
lateral distribution

maximum effective
meters
MILS
MIL relation formula
most accurate

observer-target
of mortars
open sheaf
oriented
OT line

parallel sheaf
perpendicular to direction
of fire
plot (v)
precision

range
rarely used
recline
registered
registration
reload
rounds

section of
setting of base plates
sheaf adjustment
sheaf cert
special corrections
specific pattern of

trajectories
the strike of
time consuming
to adjust sheaf
transmits (data)
traverses

width

MOS 11C.
071-322-1611
Determine Data From Re-requistration and Application of Corrections to FDC Equipment

apply

changing weather conditions
corrections

determine

erase

factors

given

include

more against

observer

place

reverse

sign of correction
strip out

to the nearest

adjust
adjusted charge
altitude correction
ammunition

base plates

chart data
compute

deflections
directive
drift blocks

end of mission

FDC equipment
firing data sheet
further settling of

gage line
GFF

initial registration
invalidate

meter
MIL

ranage
range bracket
reregister
registration point
registration points
renumber
re registration complete
RP

sliding cursor
splits

temperature
tolerance

update
updated

valid

MOS 11C
071-322-1612
Record information on firing data sheet (107-mm (4.2-in)

GENERAL

conditions
coordinate system
data system
digit
identification
information
maintain
on call
previously
record
reference
set up
standards

BASIC

drift
performance measure
self-explanatory

TECHNICAL

chart data
date
defl. corr.
dir. of fire line
drift line
firing corrections
firing data
grid coordinates
grid INT intersections
intelligence
military map
mortar altitude
mortar platoon
mounting azimuth
M16 plotting board
OP grid/OP alt.
organization
RCF (Range Correction Factor)
target indent
targets
time fired block

MOS 11C

071-322-1613
Record meteorological (MET) data using MET data sheet (107_MM Mortar)

GENERAL

adjustment
assuming
compensate
comprise
compute
concurrently
conditions
corrections
displaces
eliminates
error
exceeds

given
indicates
knot
make-up
means of
modify
nonstandard conditions
mission
standards
to account for
valid
within

BASIC

applicable
battalion headquarters
broadcast
performance measure

TECHNICAL

air temperature
ballistic met
density
firing tablets
first four 6-character groups
message
meterological data
mortar unit
octant of the globe
powder temperature
projectile weight
re-registration surface-to-surface
target

MOS 11C
071-322-1615
Determine and apply MET firing corrections

GENERAL	BASIC	TECHNICAL
appears	brevity	altitude
apply	performance measures	ammunition propellant
appropriate	section sergeant	charge
centigrade		chart range
column		computation
components		cursor
compute		direction of fire
conditions		elevation
deflection		gage line
erase		last message line
fahrenheit		lateral wind
given		met data correction
index		mortars
modify		muzzle velocity
multiply		projectile weight
plus/minus		propellant temperature
prior to		powder temperatures
procedures		range wind
range		sheet
record		surveyed range
rounded to		tabular firing tablets
standards		this message line
substituted		velocity
sum		
variation		
vary form		
within		

MOS 11C
071-382-1616
Apply registration corrections to the fire control equipment for the 107 MM mortar

GENERAL	BASIC	TECHNICAL
column	observer	ballistic plate
conditions	performance measures	charge gage line
construct	round	data sheet
draw		deflection index
engaged		drift blocks
error		fire control equipment
given		firing chart
hit		graphical firing fan
initially		mortar
perform		plotting pin
pertain		registration pt. (RD)
renumber		sliding cursor
standards		trajectory
update		vertex pin
valid		
within		

MOS 11C
071-322-1617
Determine data for 107-MM (4.2 in) mortar using the M16 plotting board + GFS

General	Basic	Technical
conditions	performance measures	ballistic data
error		call for
given		charge
plot		computer's record
prepare		crossline (manufactures gage line)
renumber		drift
slide rule		drift blocks
standards		graphical firing scale (GFS)
		M16 Plotting board
		107-MM mortar
		mounting azimuth
		range scale
		site
		tabular firing table
		target
		time of flight

VOCABULARY LISTS FOR THE FOLLOWING TASKS TO FOLLOW

092-503-1001
1015
1007
1006
1008
1005
081-831-1012
1017
1008
092-503-1004
2002
081-831-1008
1010
071-327-0201
071-331-0852
071-321-0505
071-326-0502
0510
0511
0503
0512
0513
5703
0600
0514
5704

071-331-0801
0802
0803
0804
0805
0806
0807
0809
0810
0811
071-329-1001
1002
1009
1003
1016
1006
1007
1008
1004
1011
1005
1012
071-311-2006
071-321-1601
1602
071-322-4212
4216
4209

APPENDIX 7

VOCABULARY (machine-generated)

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

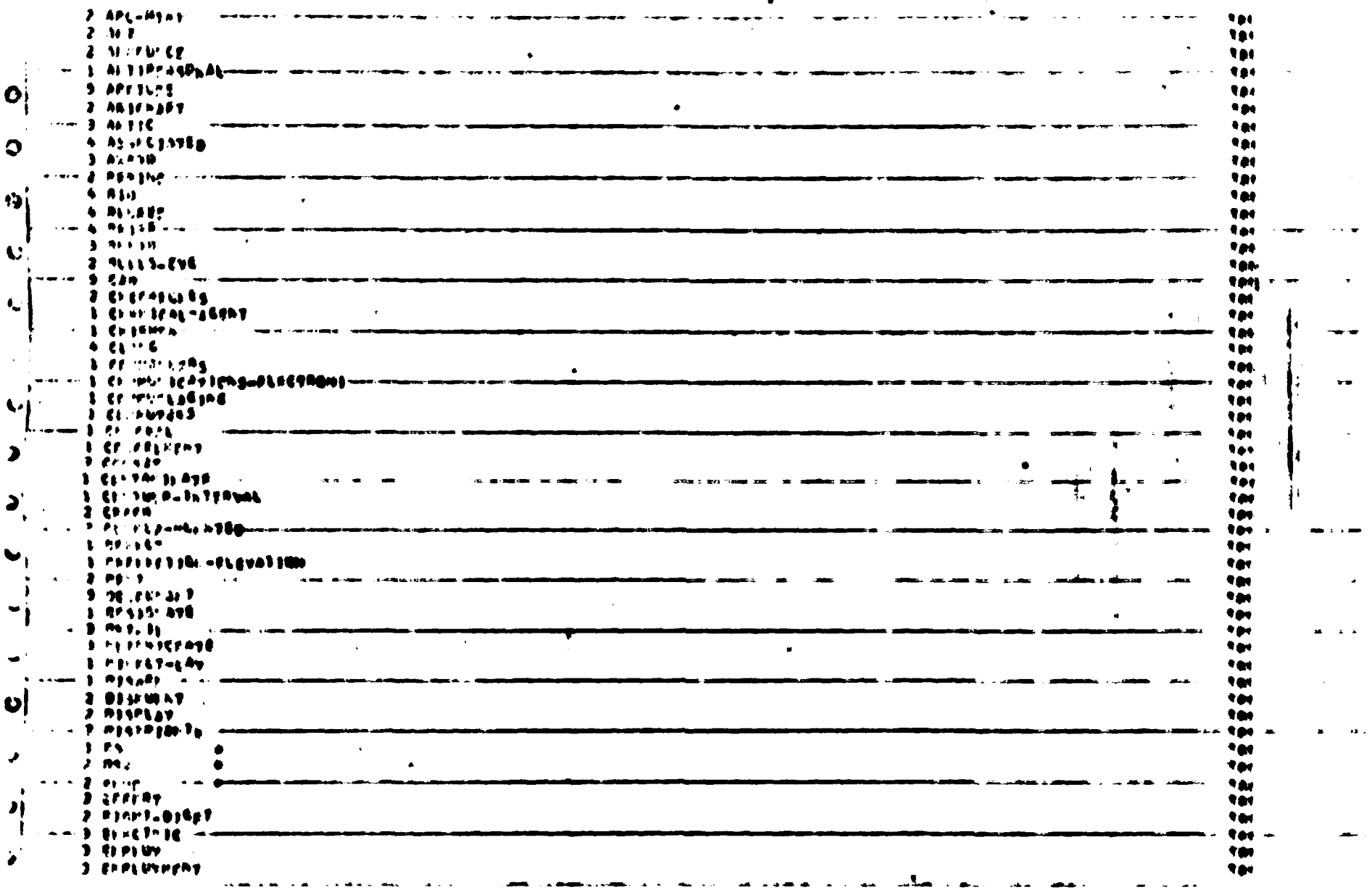
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

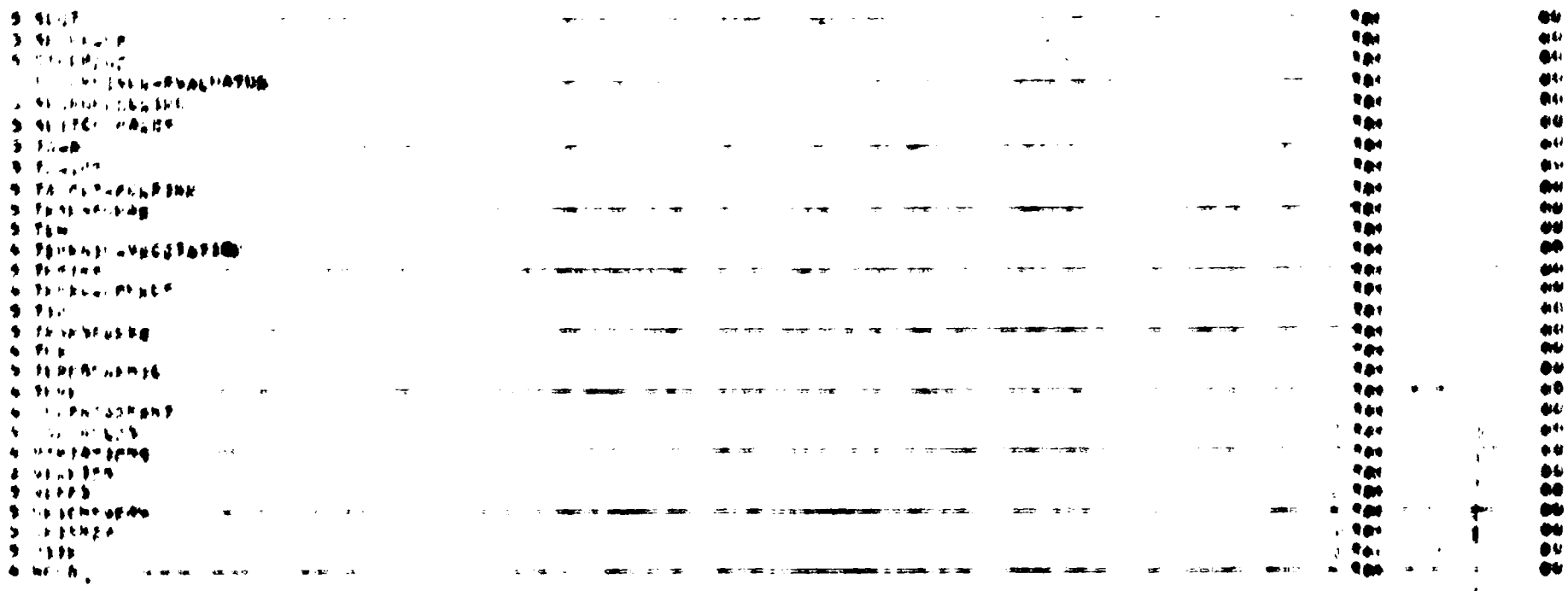


11C SL1

32

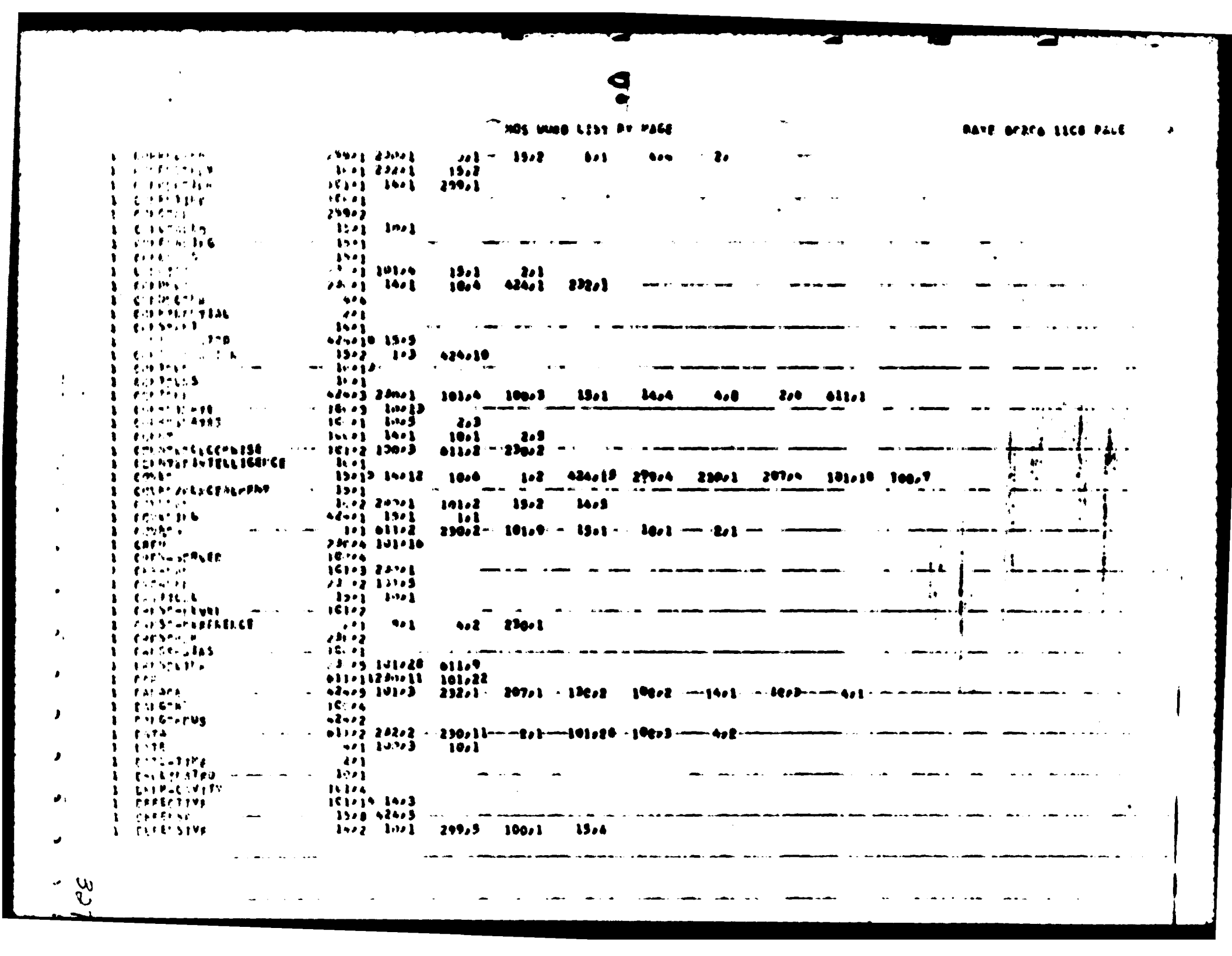


32



	4o1								
	1o1								
	1o1								
	1o1								
	1o2	14o1							
	2o2								
	1o2								
	1o2	1oo1	14o1						
	1o1								
	99o1	23o3	101o8	100o4	15o1	14o1	9o1		
	42o3	14o2	10o1						
	23o4	15o1	10o2	2o2	424o1	299o1			
	1o1	1oo8	10o1	4o2					
	1o8	23o2	101o11	100o10	14o1	61o1			
	1o2								
	15o1	10o5	2o1						
	61o2	424o17	230o3	101o14	15o4	14o9	10o4	8o1	4o2	2o2	1o1
	42o30	15o3							
	15o1	14o2	424o40						
	15o2	1oo8							
	1o2								
	15o2	14o3	100o1						
	1o1								
	4o1	1o5	299o1	15o1	14o1	4o2			
	14o1								
	42o9								
	42o1								
	15o1								
	61o1	23o13	101o10	14o1					
	1o7	61o6	230o14	207o8	101o49	100o26	15o2	14o19	
	1o1	15o2	14o1	10o1	1o1				
	42o1	15o3							
	99o1	23o3	230o1	101o1	8o2	4o5			
	42o7	15o2							
	42o3								
	15o1								
	42o1								
	42o2	15o1	14o2	4o3	1o1				
	42o1	23o1	15o2	10o1					
	23o6	101o18	100o10	10o6					
	1o2								
	1o1								
	1o2								
	61o1	11o22							
	15o3	1o2	1o1						
	1o5								
	15o1	14o2							
	42o5	23o1	101o5	100o1	15o1	14o1	10o3	4o1	2o1	1o1
	42o1	15o2	15o1	14o2					
	42o1	15o3							
	61o5	101o18							

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1 BLOCKLIST          232,16
1 FLAG               424,4   1,5
1 INSPECT            611,1 923,1   130,2   101,66   100,7
1 PERFORMING         611,1   1,3
1 PROCEED            611,1 23,1   101,9   100,16
1 READING            10,3
1 REPLACING          611,1
1 RERUN              611,3 131,16   100,1   10,1
1 RESERVE            611,9 131,30   611,9
1 RETURN             15,2   1,1   424,1   299,1
1 REWIND             10,2   1,1
1 SAME-AREA          1,2
1 SAME-RECORD-AREA   299,10 15,10
1 SEARCH             15,3
1 SEGMENT-LIMIT      1,3
1 SELECT             611,1 232,1   230,2   207,1   101,2   100,1   14,2   10,1
1 SENTENCE           611,1 424,1   300,1   230,2   101,12   100,4   10,1
1 SEPARATE           1,2 15,1
1 SEQUENCE           611,1 230,1
1 SEQUENTIAL         1,4
1 SET                23,3 15,3   1,5   10,2
1 SIGN               611,5 232,2   230,10   101,41   100,2
1 SIZE               10,2
1 SKIP1              611,4 23,8   101,14
1 SKIP2              424,1 15,4   5,1
1 SORT                1,2 611,2   424,7   299,1   23,2   101,50   100,1   15,4   14,3   10,8   4,3   2,4
1 SORT-MERGE         15,4
1 SOURCE-COMPUTER    15,4 15,1   14,1   10,2
1 SPACES             611,7 28,1   232,3   230,3   101,21   8,2   4,2   2,1
1 SPECIAL-NAMES      424,3 15,10
1 STANDARD-DATA-FORMAT 424,3
1 START              1,2
1 STATUS             611,4 23,1   101,12   14,2
1 STOP               611,2 101,4
1 SUBTRACT           15,4 15,3   14,1
1 SUM                424,3 23,1   232,1   15,3   1,4   10,9
1 SUPPRESS           15,1 1,3   2,1   424,1   232,4   23,2   207,1   101,4
1 SYNCHRONIZED       15,1 1,3
1 TALLY              1,1
1 TAPE               15,1   4,3   232,3   230,30   101,82   100,1   611,10   424,1
1 TERMINAL           15,1   4,1   424,4   232,3   101,1   100,1
1 TERMINATE          611,1 28,4   101,10   15,2   4,1
1 THAN               15,1   4,3   8,2
1 THEN               4,1
1 THROUGH            4,2
1 TIME               4,3
1 TIMES              10,1   15,1   10,1   4,1
1 TO                 10,2 10,14
1 TRACE              10,2 611,1   230,1
1 TRAILING           4,4 23,4   207,2   15,2   101,10   100,1   15,3   10,1   9,1   611,4   424,4   299,1   232,2
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1	[illegible]IGHT	232/2											
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1	[illegible]	14/1											
1	[illegible]SPACE	100/1	10/13										
1	[illegible]	424/1	1/13										
1	[illegible]GRAVITY	1/3											
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1	[illegible]	2/3											
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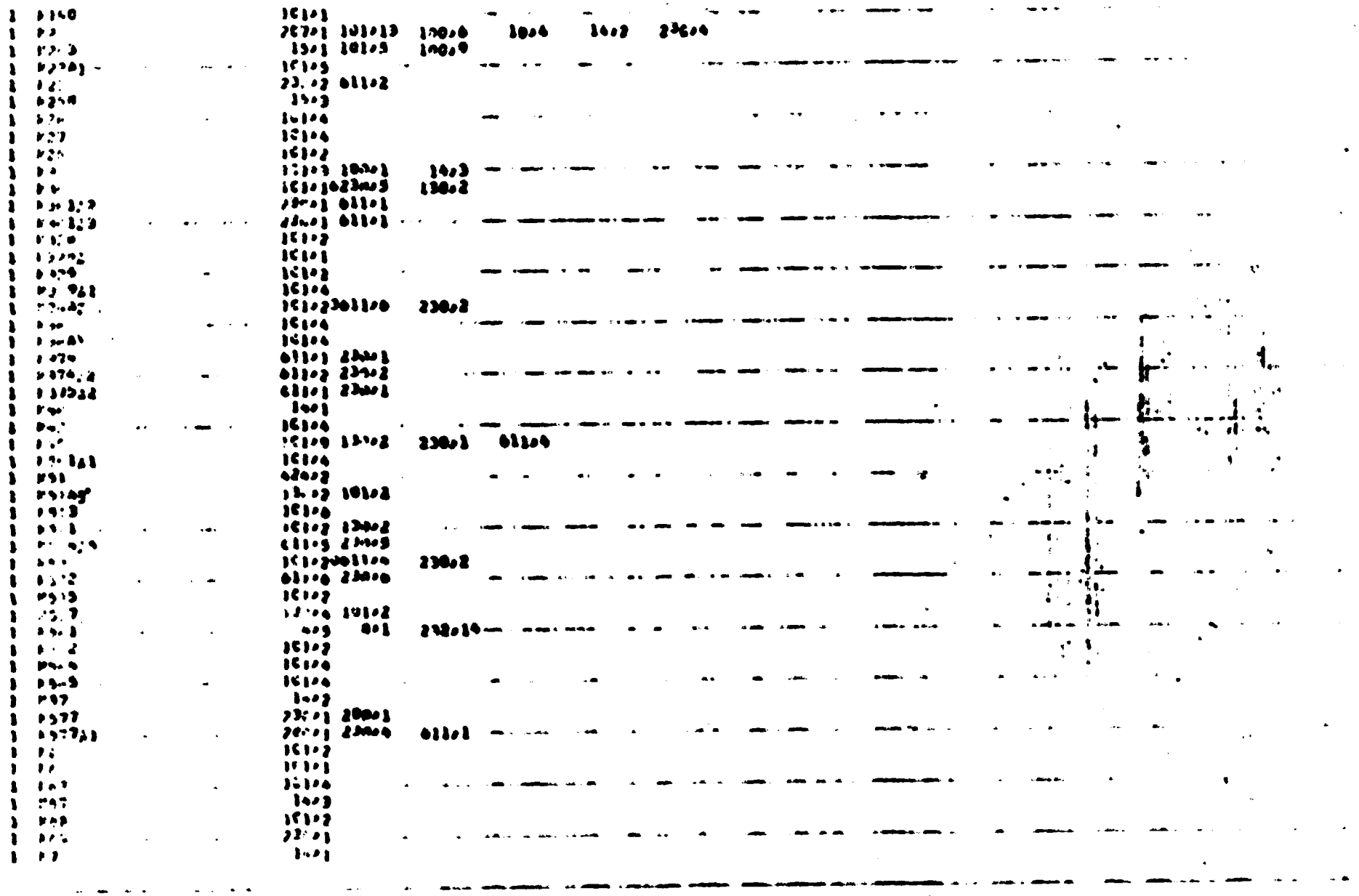
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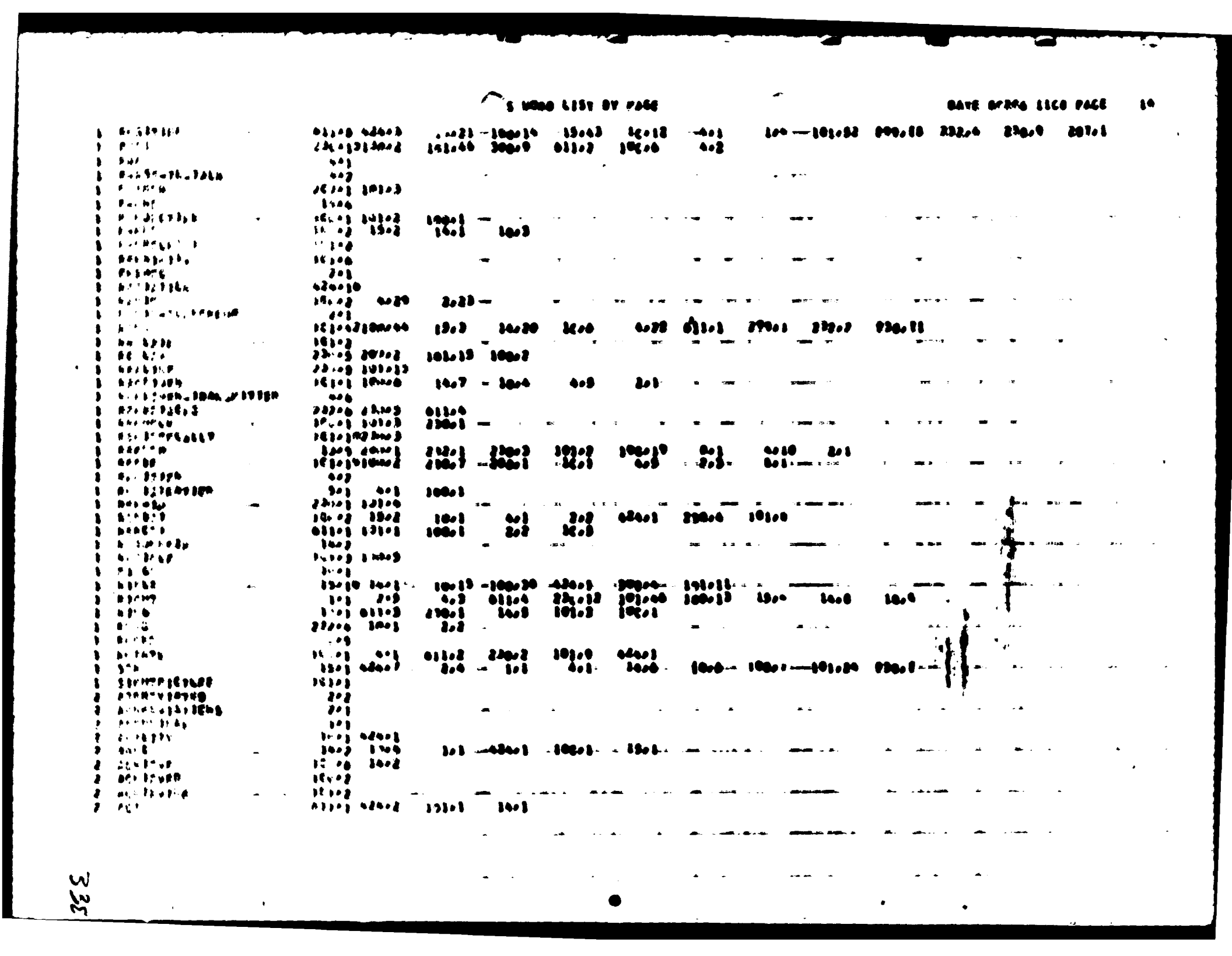
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1	JOINTS	101*4													
1	JUDGMENT	100*1													
1	JURISDICTION	*1													
1	KEY	14*1	1*2	4,1	2,5										
1	KITS	424*4	15*13	14*1	1*1										
1	KITS	424*2	15*1												
1	KNEE	1*1	15*2												
1	KNEES	1*2	15*1												
1	KNOW	4*3	611*4	101*10	100*4										
1	KNOWS	4*1	101*4												
1	KNOWLEDGE	100*2													
1	LABEL	100*1	5*1	4,1											
1	LACQUER	101*6													
1	LADLE	1*1													
1	LAID	100*1	1*3	2,2											
1	LANDLINE	14*1													
1	LARGE	15*2													
1	LATCH	207*6	101*2	100,6	14*13	10*4									
1	LATCHES	4*1	101*6												
1	LATHING	424*1													
1	LAUNCHER	1*5	15*1	101*12	100*19										
1	LAW	101*9	14*11	10,1											
1	LAWS	101*1													
1	LEF	259*3	15*1	14,1											
1	LEFT	4*2													
1	LEADER	101*29	15*15	10,4	4*2	2*1	611*4	230*9							
1	LEADER/SCLAB	15*1													
1	LEADERS	15*3													
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1	LEADERSHIP	15*1													
1	LEAF	100*8	14*3	191*1											
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1	LEAKS	424*2													
1	LEG	61*3	101*4	15,1	1*2										
1	LEGS	424*2	15*1	1*1											
1	LENS	101*19													
1	LENSES	101*8													
1	LESSEN	101*6	611*3	424*2	232*3	230*3	1*2	100*17	15*2	14*6	10,8	8,7	5,1	4,5	
		*1													
1	LETTER	2*6													
1	LETTERS	100*2	2*5												
1	LEVELS	611*1	230*1	101*10	10*1										
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1	LEVERS	232*1	14*1	2*4											
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1	LIFETIME	424*1													
1	LIGHTHELP	101*2													
1	LIGHTNING	101*1													

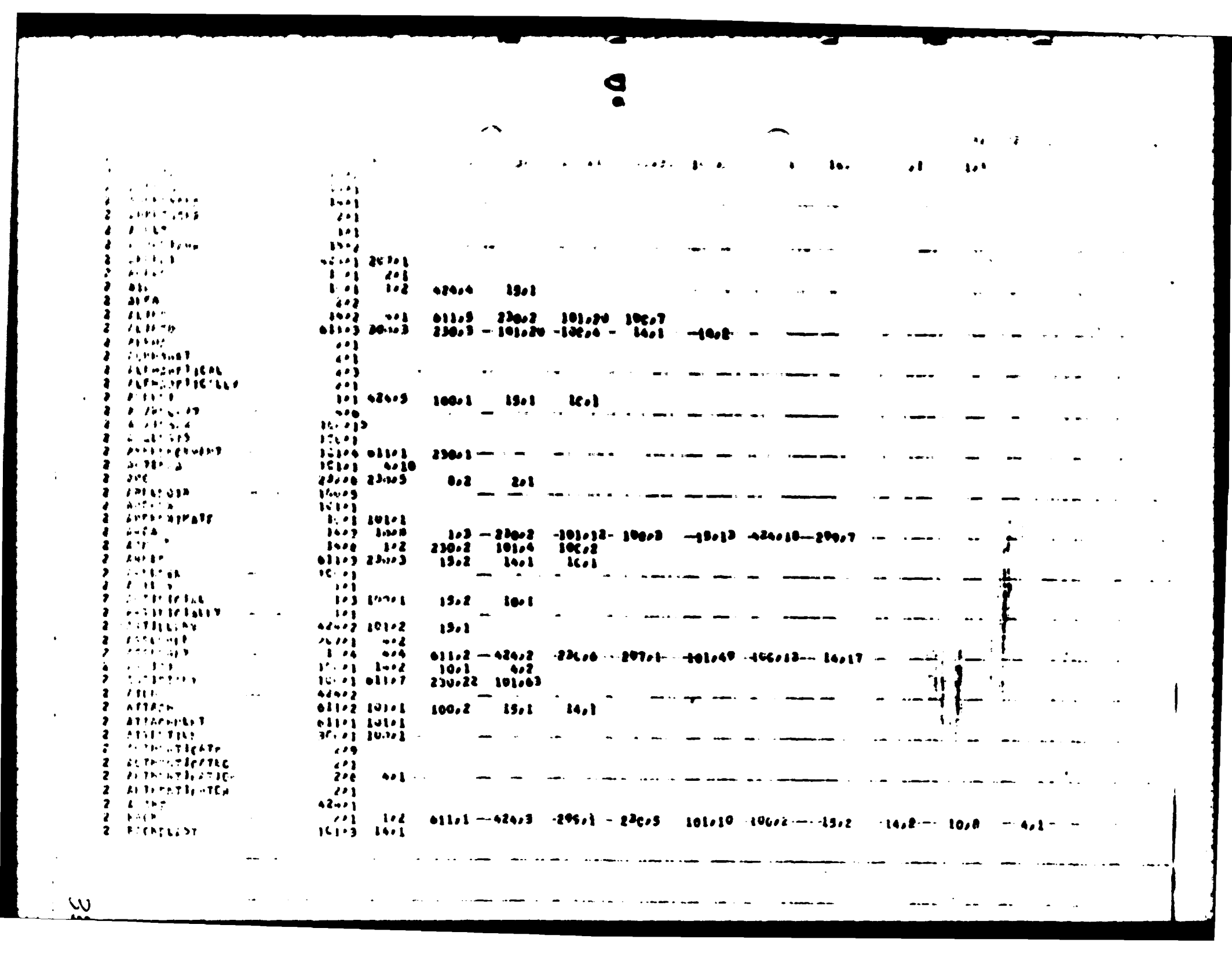
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1	LIQUOUS	424,1								
1	LITTLE	299,1	10,1							
1	LOAD	100,9	230,1	207,2	101,1	14,3				
1	LOCATION	10,3	2,1	1,2	424,3	299,3	230,1	100,10	15,4	14,7
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1	LUBRICATION	8,2	101,4	14,3	4,3	230,3	230,1	232,2		
1	LUG	14,2								
1	LUGS	100,1								
1	LUGS	424,1								
1	MACHINEGUN	100,18	14,5	10,5	424,1	207,6	101,1			
1	MAGAZINE	100,28	14,7	10,12						
1	MAGAZINES	100,1	14,1	100,7						
1	MAINFRAME	232,1								
1	MAINTENANCE	611,2	28,6	232,1	14,7	8,10	4,17	2,6	230,11	101,21
1	MAN	1,1								
1	MANDIBLE	14,1	100,1	101,5	230,1					
1	MANDIBLES	100,1								
1	MAP	424,3	1,4	14,2	230,1	101,1	15,3	299,1		
1	MAGAZINE	23,1	101,1	232,1	8,2	4,5				
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1	MARGIN	1,1								
1	MARGIN	14,1	2,2	100,1	101,2	232,1	230,1	299,1		
1	MARGINS	15,1								
1	MAP	100,2	10,22							
1	MAPS	1,2								
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1	MASK AD	100,1								
1	MASTER-SLAVE	100,3	1,1	300,1						
1	MASK	1,2	424,43	611,3	10,1	101,10	15,11			
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1	MASSAGES	1,1								
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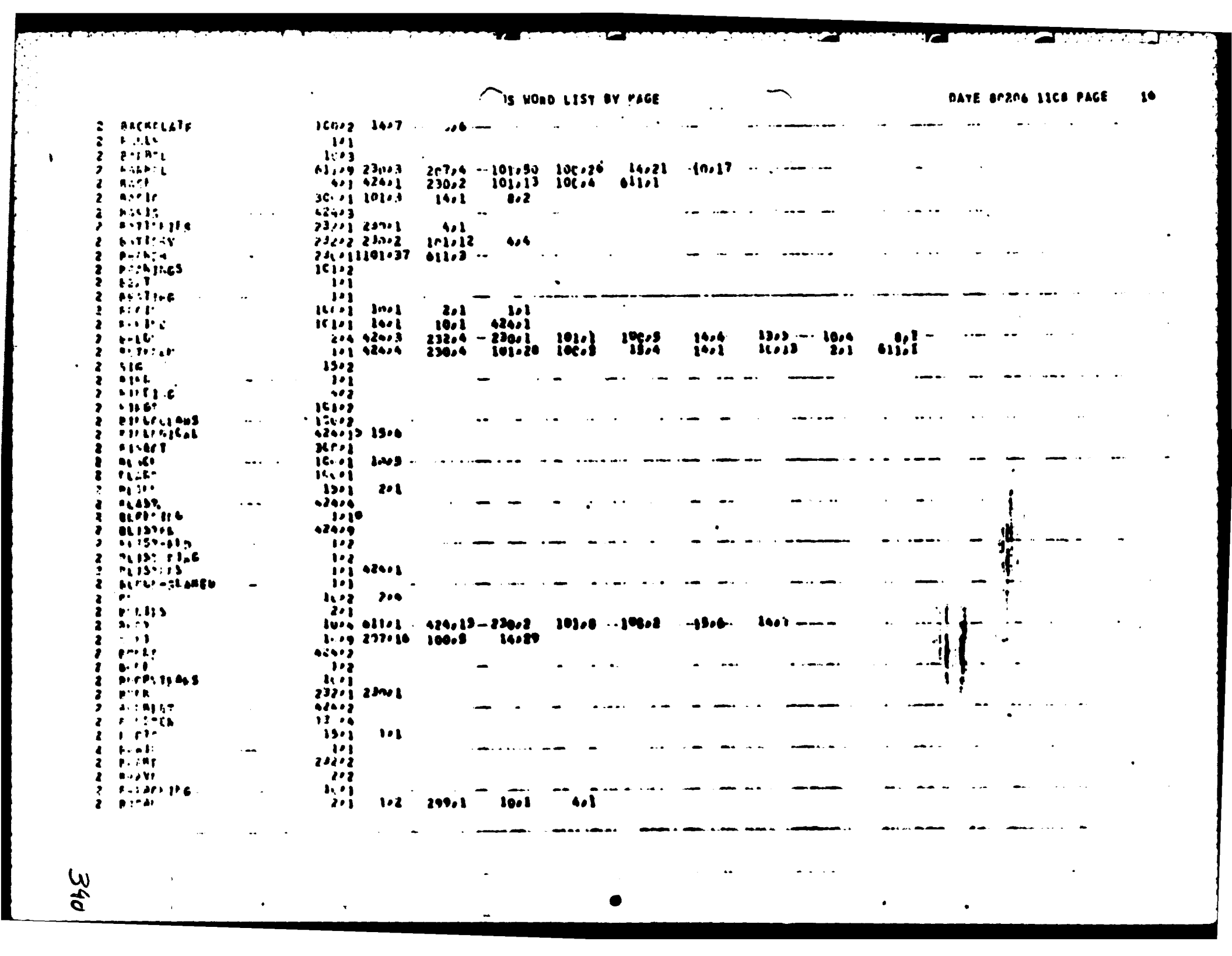
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34-1

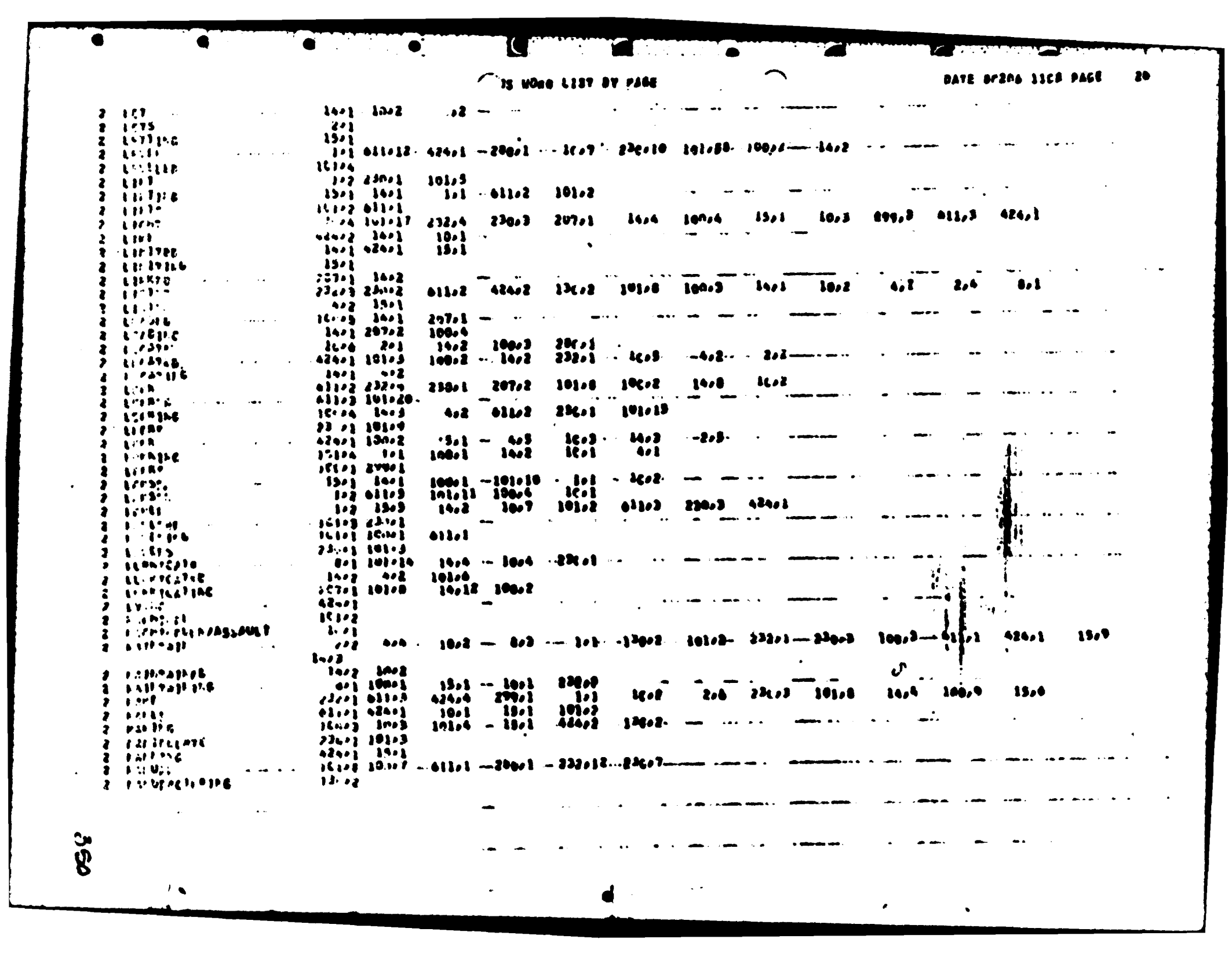
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2	E[illegible]INC	424o1													
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2	E[illegible]	o24	2o2	10o8	14o3	611o2	2[illegible]o9	424o4	232o5	230o6	130o4	101o7	100o2	15o9	
2	E[illegible]IPPED	23[illegible]1	611o1	424o2											
2	E[illegible]ATE	424o1	10o2												
2	ESTIMATE	10[illegible]1	100o2	15o2	14o2	10o5									
2	ESTIMATION	10[illegible]1	14o4												
2	ESTIMATING	14o2													
2	ESTIMATION	1[illegible]1													
2	E[illegible]	424o1	207o1	14o2											
2	E[illegible]ALLY	424o1													
2	E[illegible]CE	1[illegible]1	2o1	611o1	23[illegible]1	14o1									
2	E[illegible]CTLY	3[illegible]1	10o1												
2	E[illegible]ABLISHED	23[illegible]1													
2	E[illegible]	10[illegible]3	1o2												
2	E[illegible]PT	4o1													
2	E[illegible]LF	23[illegible]3	101o11	4o2	2o8	10C[illegible]2	15o2	10o2	611o1	299o1					
2	EXCEPT	14o1	10o2	4o1	2o1	1o1	10C[illegible]1	15o1	424o4	230o3	130o2	101o7			
2	EXCEPTING	14o1													
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2	E[illegible]E	10[illegible]4													
2	E[illegible]CTT	[illegible]1													
2	E[illegible]ISL	10[illegible]1													
2	E[illegible]	15o1													
2	E[illegible]ION	4o1	611o1	424o1	10o3										
2	E[illegible]ISTS	424o1													
2	E[illegible]ISE	10[illegible]1													
2	[illegible]T	10[illegible]1													
2	E[illegible]	2[illegible]o1	15o1												
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2	E[illegible]	23[illegible]1	101o3												
2	E[illegible]ISH	2[illegible]o1	101o1	1o1											
2	E[illegible]ISH	23[illegible]2	101o12	14o6	10o9										
2	E[illegible]CY	2[illegible]2	232o2	230o3	10o1	4o3									
2	E[illegible]CTUP	10[illegible]1													
2	EVE	14o2	10o4	1o1	100o1	15o1	611o2	424o2	30C[illegible]1	101o3					
2	EVE[illegible]S	424o1													
2	EVE[illegible]ARGET	14o1													
2	E[illegible]PIECES	424o1													
2	E[illegible]L	15o5	14o3	10o4	424o4	10C[illegible]2	4o1	1o1							
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2	E[illegible]S	14o1	424o2												
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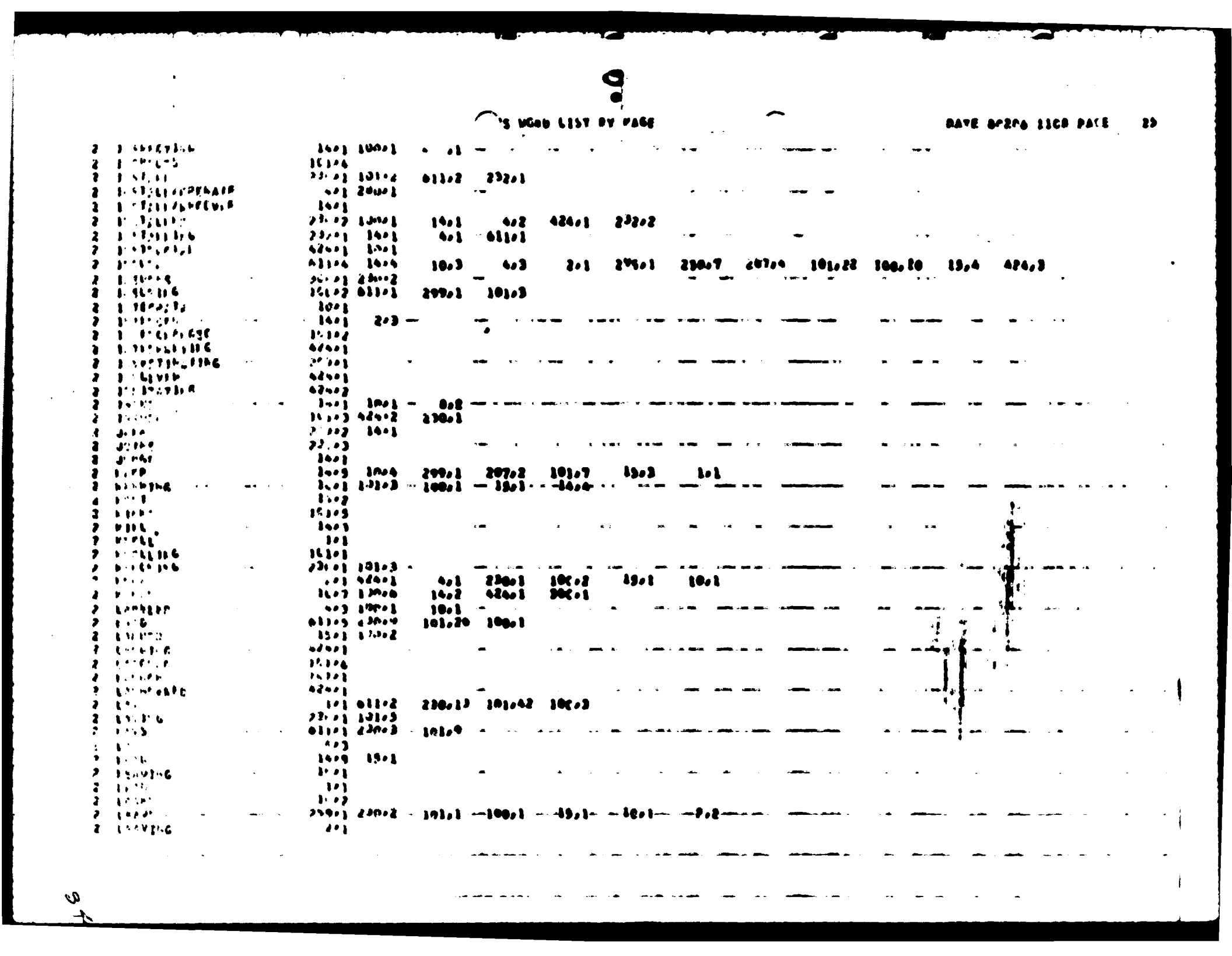
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2	[illegible]	1C1o1												
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		8o2	10o16	14o10	15o4									
2	[illegible]	1C1o5	230o3											
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2	[illegible]	1C1	2o3											
2	[illegible]	2o8												
2	[illegible]	1o1												
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2	[illegible]	4o1												
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2	[illegible]	1o1												
2	[illegible]	1o1	424o3	230o2	14o2	15o2								
2	[illegible]	1C1o1												
2	[illegible]	1C1o1	14o1											
2	[illegible]	424o2												
2	[illegible]	1C1o2												
2	[illegible]	1C1o2												
2	[illegible]	2551												
2	[illegible]	1o1	14o1	10o1										
2	[illegible]	4241												
2	[illegible]	1C1o1												
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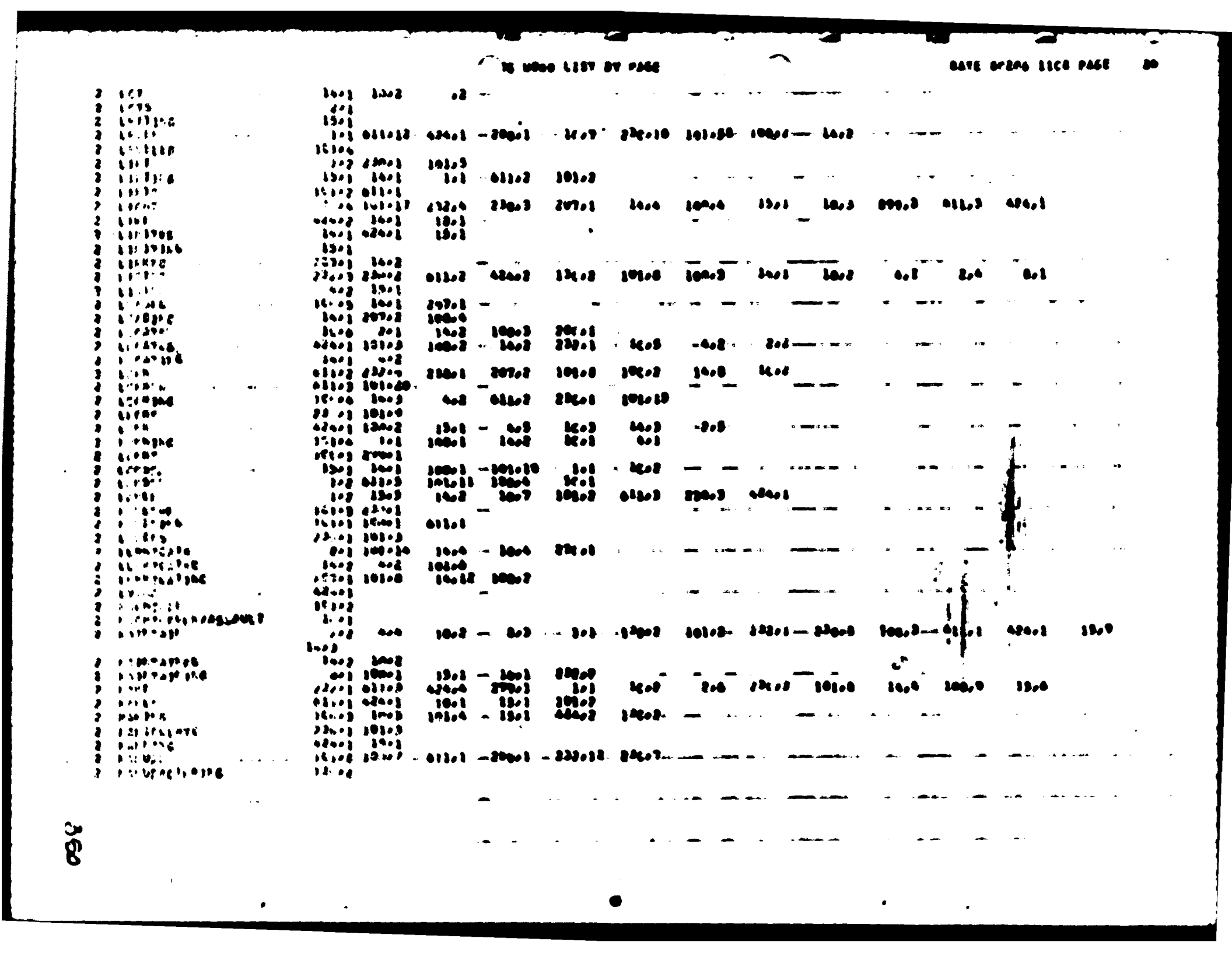
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2	[illegible]	1o1								
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2	[illegible]	42o1								
2	[illegible]	424o3								
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2	[illegible]	611o1	234o1	101o4						
2	[illegible]	1C1o2								
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2	[illegible]	1C1o1								
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2	[illegible]	1o2								
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2	[illegible]	2o2	1o1	424o2	10o1					
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2	[illegible]	1o1	10o1							
2	[illegible]	424o1								
2	[illegible]	1o1								
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2	[illegible]	1C1o1								
2	[illegible]	1o2								
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2	[illegible]	424o1								
2	[illegible]	424o4								
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2	[illegible]	4o4o1	19o1							
2	[illegible]	1o2	424o1							
2	[illegible]	1o4	4o9	611o1	230o1	207o1	101o2	100o8	85o2	14o8
2	[illegible]	267o1	101o4	100o1	10o2					
2	[illegible]	611o1	230o1							
2	[illegible]	1C1o3	4o3	100o3	14o3	207o3	101o20	280o1		
2	[illegible]	1C1o2	14o1	611o1	230o1					

347

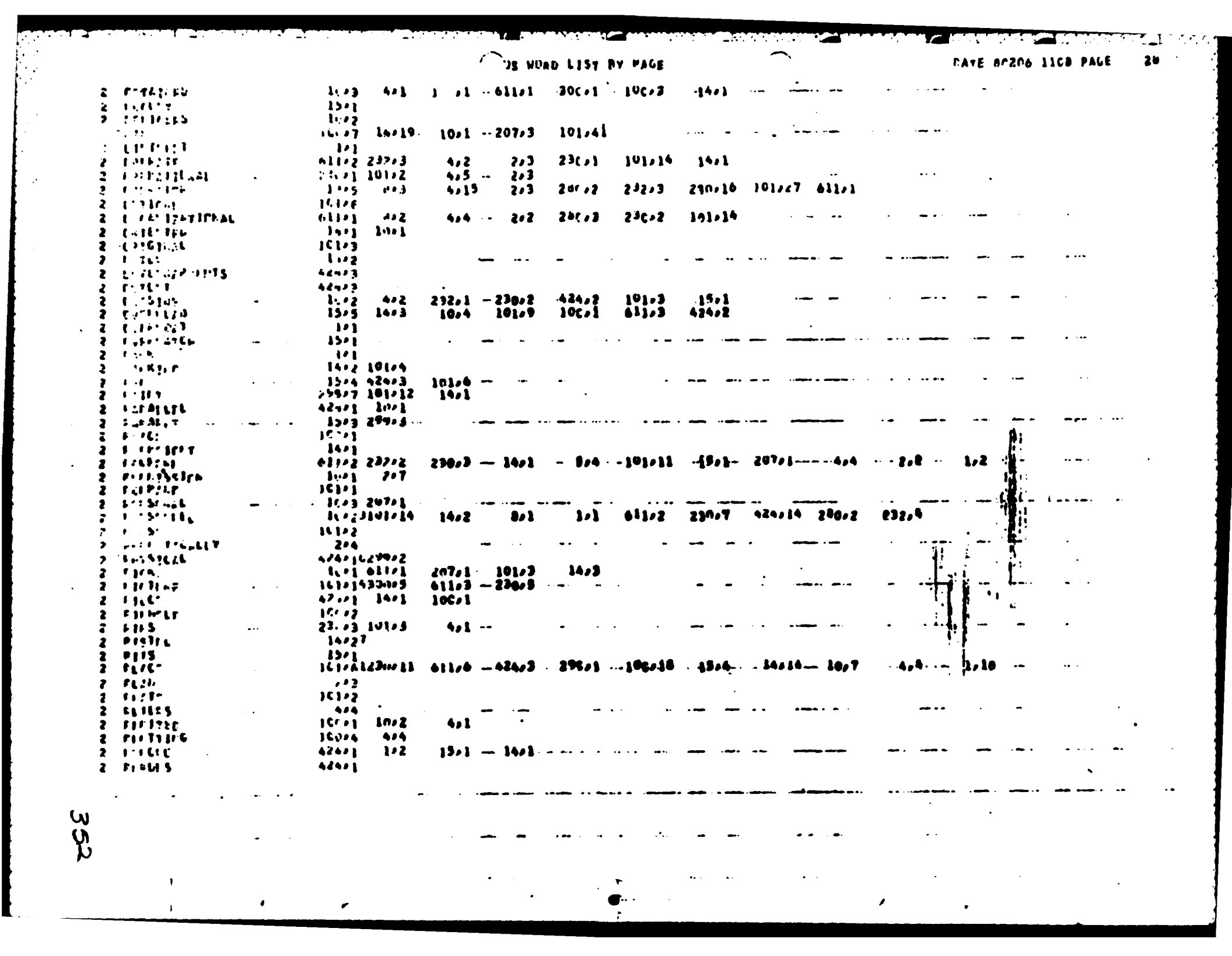
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2	[illegible]	10o1											
2	[illegible]	14o1	2o3										
2	[illegible]	1[illegible]o2											
2	[illegible]	424o1											
2	[illegible]	2[illegible]o1											
2	[illegible]	424o1											
2	[illegible]	424o2											
2	[illegible]	14o1	10o1	8o2									
2	[illegible]	1[illegible]o3	424o2	230o1									
2	[illegible]	2[illegible]o2	14o1										
2	[illegible]	23[illegible]o3											
2	[illegible]	14o1											
2	[illegible]	14o5	10o4	299o1	207o2	101o7	15o3	1o1					
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2	[illegible]	1[illegible]o5											
2	[illegible]	14o3											
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2	[illegible]	23[illegible]o1	101o3										
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2	[illegible]	1[illegible]o1											
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2	[illegible]	611o1	230o3	101o9									
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2	[illegible]	15:2	1:1	299:1	230:1	101:2	30C:1	



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2	[illegible]	1*2								
2	[illegible]	15*1		—						
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2	[illegible]	1*2		--						
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2	[illegible]	14*1								
2	[illegible]	15*1	424*2							
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2	[illegible]	1*1								
2	[illegible]	1C1*1	10*4	—	—	—	—	—	—	—
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2	[illegible]	1*3	424*4							
2	[illegible]	[illegible]*1		—	—	—	—	—	—	—
2	[illegible]	23*2	101*4							
2	[illegible]	42*1	15*1							
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2	[illegible]	1*1	10*1							
2	[illegible]	14*1								
2	[illegible]	23*1	101*5	—	—	—	—	—	—	—
2	[illegible]	1*4	611*4	101*10						
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2	[illegible]	2o2											
2	[illegible]	2o1	232o1	230o1									
2	[illegible]	1o2	424o1	101o6	611o2								
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2	[illegible]	232o4	230o1	14o1									
2	[illegible]	1o1											
2	[illegible]	424o1											
2	[illegible]	1C1o4											
2	[illegible]	1C1o2	230o1										
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2	[illegible]	1o1											
2	[illegible]	2C7o1											
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2	[illegible]	2C7o2											
2	[illegible]	23o1	611o2	424o1	207o2	101o1							
2	[illegible]	1o4	1o6	4o1	2o1	14o13	101o70	100o11	15o6	611o7	424o31	230o6	207o1
2	[illegible]	1o1	4o1	424o1	230o1	2o1	4o2						
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2	[illegible]	4o1	15o1	10o2	207o1	101o8	10Co1	424o2	299o1				
2	[illegible]	23o1	101o3										
2	[illegible]	1o2	2o3										
2	[illegible]	1C1o3	13o1	15o1									
2	[illegible]	2o2	10To4										
2	[illegible]	4o2	2o2	15o1	13o5	8o1	10To2	230o1					
2	[illegible]	23o4	424o3	1o3	101o3	15o2	14o1	4o1	2o3	230o2			
2	[illegible]	1C1o6	1o2	10o1	232o5	207o1	2o3	4o2					
2	[illegible]	2o2	15o1	424o2									
2	[illegible]	1C1o1											
2	[illegible]	1C1o2											
2	[illegible]	1o1											
2	[illegible]	1C1o2											
2	[illegible]	1o1	2o6										
2	[illegible]	15o1											
2	[illegible]	424o1	232o1	230o1	2o1	14o2	101o4	100o2					
2	[illegible]	1C1o1	15o1										
2	[illegible]	1o1											
2	[illegible]	1o2	15o4										
2	[illegible]	1o1											
2	[illegible]	1C1o3											
2	[illegible]	1o1											
2	[illegible]	2C7o5	14o3	10o6									
2	[illegible]	2C7o1	14o1	100o1									
2	[illegible]	424o2											
2	[illegible]	1o3											
2	[illegible]	15o1											
2	[illegible]	1C1o2	424o1										
2	[illegible]	1o3	424o2										

2	[illegible]	16,1	15,1	,1										
2	[illegible]	,2	1,1											
2	[illegible]	14,1	101,1											
2	[illegible]	1,1	14,5	100,2										
2	[illegible]	14,1	1,1	15,4										
2	[illegible]	16,1												
2	[illegible]	16,3												
2	[illegible]	1,8	101,109	230,32	4,1	1,2	100,44	14,8	611,10					
2	[illegible]	1,5	101,40	100,35	14,10	207,3	424,1	230,10	611,9					
2	[illegible]	1,4	5,1	4,1										
2	[illegible]	611,7	101,24	100,4	10,12	4,1								
2	[illegible]	16,2												
2	[illegible]	1,6	14,1	2,2	1,1	1,2	8,1	4,8	611,6	299,1	101,9	232,1	230,6	130,2
2	[illegible]	14,1	100,6	15,1	230,46	611,36	300,23	130,4	101,29	10,15				
2	[illegible]	1,2	424,3											
2	[illegible]	611,1	230,1											
3	[illegible]	1,1	15,1	14,2	10,2	2,1	611,1	424,3	16,1					
3	[illegible]	1,4	424,3	230,2	101,11	10,2	15,1	14,4	1,5	5,1	2,3			
3	[illegible]	230,1												
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3	[illegible]	299,1	15,1	14,1	1,2	424,4								
3	[illegible]	15,1												
3	[illegible]	2,1	207,1											
3	[illegible]	4,1	2,1	232,1	230,1	10,1	15,1							
3	[illegible]	2,1												
3	[illegible]	299,1												
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3	[illegible]	424,2												
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3	[illegible]	1,1												
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3	[illegible]	6,1	424,1	232,3	230,4									
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3	[illegible]	424,1												
3	[illegible]	1,1												

3	[illegible]	1o1											
3	[illegible]	14o1											
3	[illegible]	232o1	23oo1										
3	[illegible]	15o1	4o2	2o4	424o3	299o2							
3	[illegible]	4o2											
3	[illegible]	232o1	207o2	15o2									
3	[illegible]	100o1	15o1	4o2									
3	[illegible]	424o1	100o1										
3	[illegible]	1.o1	424o5	101o1	15o7	14o8							
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3	BACKGROUND	299o4	232o2	15o2									
3	[illegible]	13oo2											
3	[illegible]	424o1											
3	BALD	4o6											
3	BAR	23o4	101o12	14o1	611o2								
3	BATH	424o2	14o1										
3	BATHE	424o1											
3	BATHING	424o3											
3	[illegible]	611o2	424o7	299o3	232o5	23Co4	207o2	101o13	1C0o1	15o6	14o4	10o3	4o1	2o5
3	[illegible]	207o7	100o3	1o2									
3	[illegible]	424o1											
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3	BLEND	299o5	15o1										
3	BLEU	1C05											
3	[illegible]	4o2	1o1	15o1									
3	BUTTER	1o07	424o1	100o3									
3	[illegible]	1oo1											
3	[illegible]	15o2											
3	BOARD	207o1	14o1										
3	BRIDGE	101o25											
3	[illegible]	1C02											
3	BRUSH	1C0o4	15o2	10o3	1o1	424o3	101o10						
3	BUILDING	14o1											
3	[illegible]	232o3	10o3										
3	BULB	1C1o2											
3	[illegible]	232o2	101o3										
3	[illegible]	1oo3											
3	[illegible]	15o3											
3	CABLE	4o8	611o3	232o12	230o6	101o1							
3	CABLES	1C1o7	4o2										
3	CANVAS	1C1o2	14o1										
3	CAP	14o3	611o1	424o1	232o2	23Co3	101o6	15o1					
3	CARPET	1C1o4	14o1	10o1									
3	CARRY	4o2	232o8	230o1	8o2								
3	CARRIED	299o1											
3	CATCH	1C1o1	14o1	230o1	101o2								
3	CATCHING	1C01											
3	CHANGE	299o1											
3	CHAPTER	611o2	1o1	299o1	232o1	23Co3	13Co2	101o4	1C0o2	10o1	4o1		
3	CHICKEN	1C02											

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3	[illegible]	14*1							
3	[illegible]	42*1							
3	[illegible]	424*1							
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3	[illegible]	1*1							
3	[illegible]	*11							
3	[illegible]	1*1*1	1*1	10*2					
3	[illegible]	14*2							
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3	[illegible]	1*1*2							
3	[illegible]	14*1	1*1	424*2					
3	[illegible]	1*1							
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3	[illegible]	3*1*1	100*1						
3	[illegible]	424*1							
3	[illegible]	3*1*1	100*1						
3	[illegible]	424*1	2*1						
3	[illegible]	2*1*1	101*2	100*1					
3	[illegible]	42*1	14*1						
3	[illegible]	14*1							
3	[illegible]	2*3							
3	[illegible]	2*2							
3	[illegible]	14*1	1*1						
3	[illegible]	23*1	23*1						
3	[illegible]	1C*2							
3	[illegible]	1*1*4							
3	[illegible]	15*1	1*1						
3	[illegible]	611*1	23*1						
3	[illegible]	14*1							
3	[illegible]	2*1*1	14*1	4*2	424*1	232*2	23C*2		
3	[illegible]	14*1							
3	[illegible]	42*2	299*2	232*1	100*9	15*6	23C*1	101*1	14*7
3	[illegible]	1*1							
3	[illegible]	15*1	424*1	100*1					
3	[illegible]	15*5	1*1	100*1					
3	[illegible]	424*1							
3	[illegible]	15*1							
3	[illegible]	1C*2							
3	[illegible]	1C*1							
3	[illegible]	4*1							
3	[illegible]	15*1							
3	[illegible]	47*1	15*2						

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3	[illegible]	4241							
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3	[illegible]	4242							
3	[illegible]	1102							
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3	[illegible]	201							
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3	[illegible]	1402							
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3	[illegible]	101							
3	[illegible]	2301	2301						
3	[illegible]	1401							
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3	[illegible]	1601							
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3	[illegible]	1501							
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3	[illegible]	2601							
3	[illegible]	4241	1001	201					
3	[illegible]	2501							
3	[illegible]	1601	1501	4242	2701				
3	[illegible]	1401							
3	[illegible]	4241							
3	[illegible]	2701	1301	1401					
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3	[illegible]	2701	1012	1002	1501	1401			
3	[illegible]	1501	4243						
3	[illegible]	1601							

ASE

3	[illegible]	16o1									
3	[illegible]	1o1	15o1								
3	[illegible]	424o2	10o1								
3	[illegible]	1o1	10o1	4 o1							
3	FILL	424o2	13o3								
3	[illegible]	15o2									
3	[illegible]	15o2									
3	[illegible]	15o1									
3	[illegible]	611o1	10o1								
3	[illegible]	424o1									
3	[illegible]	15o1	10o1								
3	[illegible]	1o9									
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3	[illegible]	1o1									
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3	FLEX	424o1	4o1	1o1							
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3	[illegible]	424o2									
3	[illegible]	259o4	15o3	10o1							
3	[illegible]	424o1	10o1								
3	[illegible]	15o1									
3	[illegible]	2o2									
3	[illegible]	424o1									
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3	[illegible]	1o2									
3	[illegible]	424o1									
3	[illegible]	15o1	10o4	10o8							
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3	[illegible]	1o1	1o1	2o1	230o2						
3	[illegible]	259o2	4o2								
3	[illegible]	15o3	424o1	230o1							
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3	[illegible]	611o1	101o1								
3	[illegible]	15o2	611o1								
3	[illegible]	611o1	20o1								
3	[illegible]	1o1	1o3	424o2	300o1	23Co2	101o12	100o9			
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3	[illegible]	1o2	15o1	14o2							
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3	[illegible]	15o1									
3	[illegible]	1o1									
3	[illegible]	1o1									
3	[illegible]	259o1									

3	HIGH	421042/2	.../5	101/9	15/8	14/4	011/.		
3	HIGH-SPEED[illegible]	10102							
3	[illegible]	15/1	14/3	230/1					
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3	[illegible]	424/1							
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3	[illegible]	1../2	330/1	230/3	101/14	100/2	14/1		
3	[illegible]	../5	101/1	14/3					
3	[illegible]	15/1	1../2	2/1	424/1	1/1	23C/1		
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3	[illegible]	424/1							
3	[illegible]	1../1							
3	[illegible]	../3	1.../1	14/1					
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3	[illegible]	23/2	14/2	424/2					
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3	[illegible]	300/1	100/1						
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3	[illegible]	4/4	2/3						
3	[illegible]	424/1							
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3	[illegible]	23/7							
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3	[illegible]	10/1							
3	[illegible]	42../2							
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3	[illegible]	14/4	10/2	100/1	15/1	424/3	23C/1	101/1	
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3	[illegible]	4/1							
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3	[illegible]	101/2	15../2						
3	[illegible]	23../2							
3	[illegible]	2/3							

3	[illegible]	15#3											
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	[illegible]	2#1											
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3	[illegible]	4#5											
3	[illegible]	4#1											
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3	[illegible]	10#1											
3	[illegible]	1#1											
3	[illegible]	1#2											
3	[illegible]	4#1											
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3	LIKE	1#1	1#1	611#3	424#1	23C#3	101#7	15#4	14#1				
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3	[illegible]	4#1											
3	[illegible]	23#1	23#1	101#3									
3	[illegible]	1#2	5#2	2#4	424#1	23C#1	101#11	100#3					
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3	[illegible]	2#3											
3	[illegible]	15C#2											
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3	[illegible]	4#2											
3	[illegible]	15C#1	14#2										

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3	[illegible]	101,2													
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2	[illegible]	1,3													
2	[illegible]	1,1													
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3	[illegible]	4,1													
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3	[illegible]	2,7													
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3	[illegible]	259,1	100,1	10,6											
3	[illegible]	1,7	2,1	15,1	100,9	424,4	101,5								
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4	[illegible]	23,1	15,1	4,1									
4	[illegible]	15,7	1,1	299,6									
4	VISIBLE	15,1	1,2	8,8	4,16	611,2	299,7	101,2	424,1	230,16	232,27	2,1	280,2
4	[illegible]	4,1											
4	[illegible]	2,3	101,1										
4	[illegible]	10,4	14,2	10,3	101,47	230,8	611,9	232,3	300,2				
4	[illegible]	2,1											
4	VISIBILITY	15,3	1,2	100,2									
4	VISIBLE	10,1	1,1	299,2									
4	VISION	1,4	14,1	15,1	424,2	101,1	100,5						
4	[illegible]	1,5	424,10	10,2	15,5	14,5	2,5	230,7	101,17				
4	[illegible]	23,1											
4	[illegible]	2,1											
4	[illegible]	23,1											
4	[illegible]	1,12	1,22	101,16	100,20	207,9	15,4	230,1	299,4	424,1	300,1		
4	[illegible]	1,3	1,9	15,4	424,1	100,5							
4	[illegible]	1,1	1,1										
4	[illegible]	1,1											
4	[illegible]	10,2											
4	VOTE	23,3	101,6	4,8	10,15	611,3	14,5						
4	[illegible]	424,1											
4	[illegible]	15,1	1,1										
4	[illegible]	23,3	101,18	611,3									
5	[illegible]	611,2											
4	[illegible]	2,1											
4	[illegible]	2,6											
4	[illegible]	100,11	2,9	101,7	230,1								
4	[illegible]	2,1											
5	[illegible]	23,1	15,2	611,1									
5	[illegible]	424,1											
5	[illegible]	424,1	1,1										
5	[illegible]	2,1	23,1	101,1	4,2								
5	[illegible]	10,2											
5	[illegible]	15,2											
5	[illegible]	424,1											
5	[illegible]	1,1											
5	[illegible]	15,1	1,3										
5	ALLOWS	424,2	15,2										
5	[illegible]	1,1											
5	[illegible]	424,1											
5	[illegible]	1,2	4,3	2,10	424,5	299,8	232,4	230,3	101,4	100,4			
5	[illegible]	10,1	1,1	1,1									
5	ATTACK	10,2											
5	[illegible]	10,2											
5	[illegible]	424,1	101,1										
5	[illegible]	1,2											
5	[illegible]	10,3											

5	[illegible]	4o2	2o1	2..o2	-100o2	1Co2	8o1	---	---	---	---	---	---	---	---	---
5	[illegible]	23.o2	2o2													
5	[illegible]-2A?-TACKLE	61,o6														
5	[illegible]	4o4	424o1	-100o3	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]STLES	424o1														
5	[illegible]	25o2														
5	[illegible]	4o7			---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	2..o1	4o1													
5	[illegible]	1..o2	4o2													
5	[illegible]LE	15o1			---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	1o1														
5	[illegible]-LIN[illegible]	15o2														
5	[illegible]	23.o3	101o2	-14o4	-611o3	-232o1	---	---	---	---	---	---	---	---	---	---
5	[illegible]	1o2														
5	[illegible]	23o2														
5	[illegible]	15o3			---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	1C.o1														
5	[illegible]	4o1														
5	[illegible]	424o1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	1o1														
5	[illegible]-CY	15o1	4o1													
5	[illegible]	1..o1	2o1	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	42o06														
5	[illegible]	15o1														
5	[illegible]	42o01	1o01	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]-IZ	23.o2	232o2													
5	[illegible]	1..o1														
5	[illegible]	424o2			---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	611o8														
5	[illegible]	424o1														
5	[illegible]	15o1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	15o1														
5	[illegible]	2o1														
5	[illegible]	1C1o2	15o5	-424o3	-101o9	-14o9	-8o9	---	---	---	---	---	---	---	---	---
5	[illegible]	1o03														
5	[illegible]	101o1														
5	[illegible]-GAGING	101o1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	101o4														
5	[illegible]	2o1														
5	[illegible]	1..o2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	101o4														
5	[illegible]	2o02														
5	[illegible]	101o2	101o4	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	1o01														
5	[illegible]	101o2			---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]STATE	15o1														
5	[illegible]	2o2														
5	[illegible]	15o1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	[illegible]	47.o1	1300o4	299,20	611o56	28C.3	232o23	230o89	207,19	130o4	101,410	100,171	2,97	1.30		

S	[illegible]	1#2	1#1	1	-424#1						
S	[illegible]	424#1									
S	[illegible]	8#1	2#1	4#2	28#1	23C#1					
S	[illegible]	2#15	4#32	14#1	-- 10#5	101#32	230#7	200#3	611#22		
S	[illegible]	1C1#3U10#2		10#2	230#4	611#7					
S	[illegible]	1C1#4	15#1	299#1	14#1						
S	[illegible]	1C#1									
S	[illegible]	424#1									
S	[illegible]	15#1	424#1								
S	[illegible]	611#1	1#2	101#2	-230#1						
S	[illegible]	1#1	424#1								
S	[illegible]	1C1#1	1#5	611#2							
S	[illegible]	23#1	24#1	230#1							
S	[illegible]	23#1									
S	[illegible]	424#1									
S	[illegible]	1#6									
S	[illegible]	1C#1									
S	[illegible]	424#2	23#1	4#3	207#1	10C#1	1C#1	232#4			
S	[illegible]	1#1									
S	[illegible]	1#1	1#1	130#2	101#2	424#1	29#1				
S	[illegible]	1C1#3	1#3	1#1	230#1	424#1					
S	[illegible]	23#1	424#1	101#3	-10#1	4#1					
S	[illegible]	1#1	207#3	100#4							
S	[illegible]	1#1	424#1	14#2							
S	[illegible]	29#1	1#1#2	10#2	— 15#1	10C#1					
S	[illegible]	1#2									
S	[illegible]	1#5	10#4								
S	[illegible]	1#1	1#1#3	230#2	-207#3	-14#19	-100#10	—			
S	[illegible]	1#1	23#2								
S	[illegible]	1#1	15#1	14#1	10#1	2#1	23C#1	424#1			
S	[illegible]	15#1									
S	[illegible]	15#1									
S	[illegible]	15#1									
S	[illegible]	1#2	15#1	14#2	-424#2	10C#1	-10#1-	—			
S	[illegible]	14#4	1#2								
S	[illegible]	1#4	4#1								
S	[illegible]	23#3	23#3	100#1							
S	[illegible]	1#1									
S	[illegible]	1#1									
S	[illegible]	1C1#2	1#1								
S	[illegible]	1C1#9	1#3								
S	[illegible]	1C1#2	24#1	130#2	611#1	424#1	4#1	2#1	14#7	10#2	
S	[illegible]	15#1									
S	[illegible]	1C1#2	10#3	230#1							
S	[illegible]	15#1	1#1	101#18							
S	[illegible]	1C1#7									
S	[illegible]	1#3	15#2	14#10	230#1	10C#1	611#1				
S	[illegible]	4#2									
S	[illegible]	611#1	23#1								
S	[illegible]	15#2									

S	STATUS	299									
S	STORY	14#1	10#1								
S	STRUCTURE	14#1									
	SUBJECT	14#4	100#5	101#2	-207#5						
	SUBROUT	14#1									
S	SUCH	23#1	14#3	611#1							
S	SUCHA	14#1	424#5								
S	SUFFICIENT	2#1									
S	SUFFIX	15#1									
S	SUFFIXES	15#1									
S	SUITE	2#2	230#1	101#4	100#11	424#2					
S	SUITER	611#3	230#2	101#9							
S	SUM	4#2									
S	SUMS	10#1	10#1	299#2							
S	SUPER	1#1									
S	SUPERSCRIPTE	2#2	4#1								
S	SUPERSCRIPT	4#5	130#2	424#1							
S	SUPERSTAT	23#2	230#2								
S	SUPPORT	10#1	10#1	230#1	-101#9						
S	SUPPOSE	7#1	131#2	15#2	299#1	232#2	230#2	14#2	10#10	424#3	4#1 611#1
S	SUPPRESS	1#1	424#1								
S	SUPPRESSED	424#2									
S	SUPPRESSING	1#1									
S	SURE	299#1									
S	SURFACE	424#1									
S	SURPASS	4#2	10#1	101#4	424#1						
S	SURPRISE	424#1									
S	SURVEY	4#5	14#2	424#1							
S	SUSPECT	424#3	230#5	4#1	100#1	15#1	101#12				
S	SUSTAIN	10#2	101#2								
S	SUSTAINED	10#2									
S	SWAP	4#1	15#1	14#1	101#6	424#2					
S	SWAPPING	1#1	10#1	2#1	15#1	101#14	424#1				
S	SWITCH	15#1									
S	SWITCHES	15#1									
S	SYMBOLIC	299#1									
S	SYMBOL	1#1									
S	SYNCHRONIZE	611#1	14#2	230#1	10#3						
S	SYNCS	1#1									
S	SYNTAX	15#1	207#1	424#2							
S	SYNTS	207#1									
S	SYNTY	611#2									
S	SYNUM	14#1									
S	SYSCOM	4#1	611#2	101#4	232#7	230#4	611#2				
S	SYSERRS	101#4									
S	SYSFILE	1#2									
S	SYSFILES	15#3	424#3								
S	SYSTEM	4#5	424#1	8#2	10#2	299#1	14#2	101#3	230#3	232#4	
S	SYSTEMS	4#1									
S	T	2#1	1#1	230#4	101#12	100#1					

5	[illegible]	1C1,4	14,1										
5	[illegible]	1C1,1	1,1										
5	[illegible]	1C1,1											
5	[illegible]	1C1,1	424,1										
5	[illegible]	15,1											
5	[illegible]	14,1											
5	[illegible]	1,1											
5	[illegible]	1C1,1	424,1										
5	[illegible]	2,100	1,46	28,5	232,31	23C,77	424,81	30C,3	298,22	611,52	10,101	1C1,321	100,114
		14,132	8,4	4,123	209,36								
5	[illegible]	14,2	2,1										
5	[illegible]	2,1	424,3	10,1	100,1								
5	[illegible]	1,1	100,2	2,10	-								
5	[illegible]	1,1	1C1,4										
5	[illegible]	1,1											
5	[illegible]	1,1	23,1	424,2	1C1,3	10C,1	15,1						
5	[illegible]	1C0,2	424,1	1C1,2	23,1	30C,2	232,1						
5	[illegible]	14,2											
5	[illegible]	1,3	100,3	424,1	-								
5	[illegible]	1C1,3											
5	[illegible]	14,2											
5	[illegible]	1,1											
5	[illegible]	1C1,2											
5	[illegible]	14,1											
5	[illegible]	1,1											
5	[illegible]	424,2											
5	[illegible]	23,1	611,1										
5	[illegible]	1C1,3											
5	[illegible]	1,4	15,1										
5	[illegible]	1,1											
5	[illegible]	299											
5	[illegible]	424,1	15,6										
5	[illegible]	1,1											
5	[illegible]	14,1											
5	[illegible]	14,1	15,2	232,2									
5	[illegible]	23,2											
5	[illegible]	424,1											
5	[illegible]	2,1	23,1										
5	[illegible]	1,2											
5	[illegible]	23,3	2,1	4,2	2,1								
5	[illegible]	23,1	15,1	1,1									
5	[illegible]	14,1											
5	[illegible]	1,1	100,4	611,4	130,2	101,8	424,5	232,1	23C,4	14,4			
5	[illegible]	1,1	130,1	424,3	611,1	23C,1	101,2						
5	[illegible]	1,1											
5	[illegible]	1,1											
5	[illegible]	23,1	611,1										
5	[illegible]	15,1	1,3										
5	[illegible]	424,1											
5	[illegible]	1,1											

AD-A121 157 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 11C 1/3
INDIRECT FIRE INFANTRYMAN(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER OCT 82

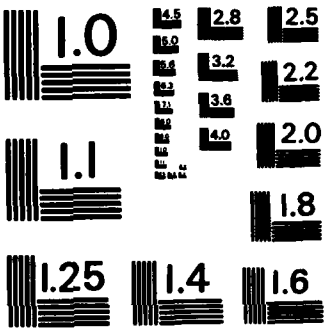
UNCLASSIFIED F/G 5/9 NL



END

FILMED

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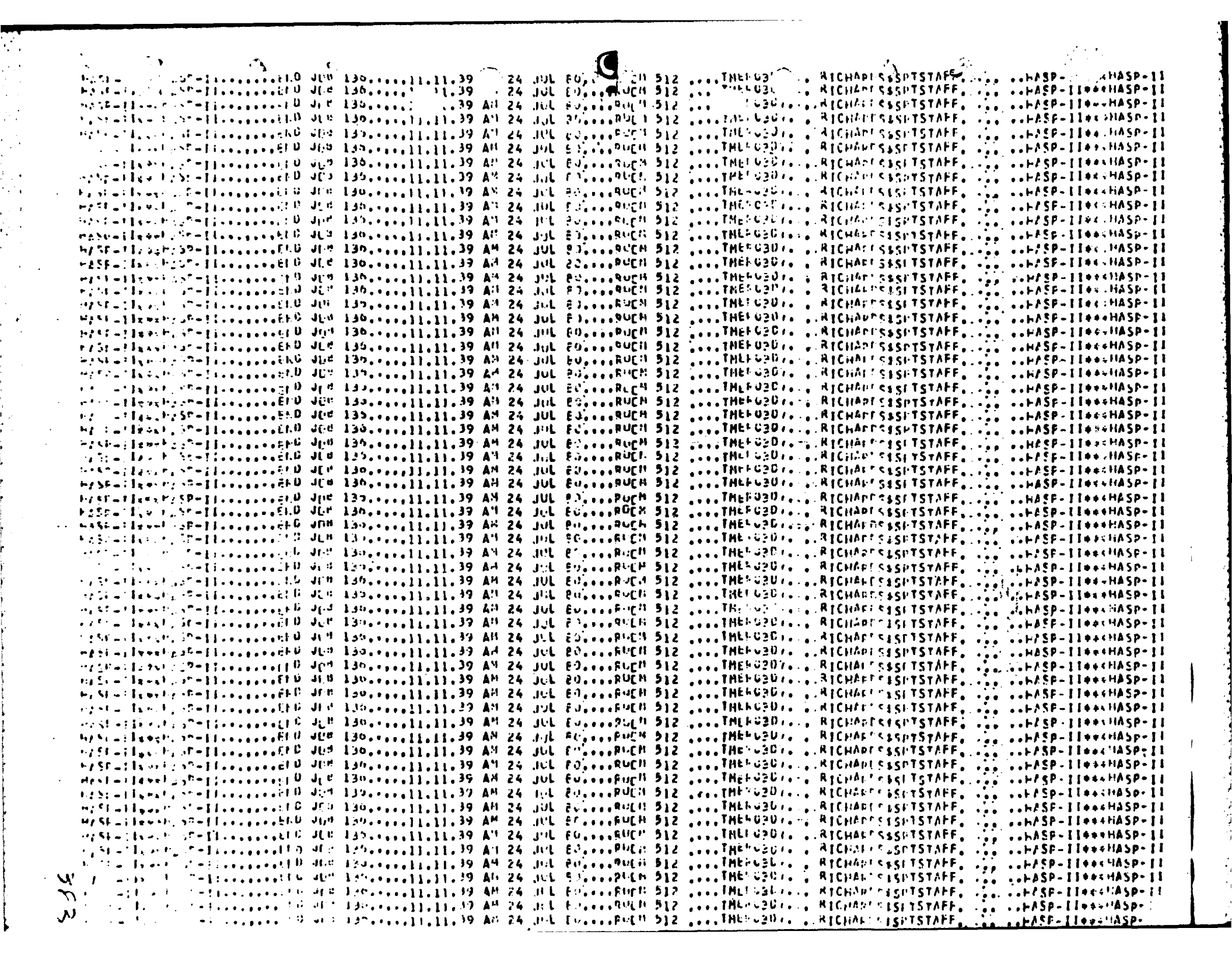


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

5	[illegible]	4.2	2.1	4.2	0.1									
5	[illegible]	2.1	4.2	1	230.1									
5	[illegible]	14.1												
5	[illegible]	1.1	2.4	4.6	14.3	10.6	299.3	424.6	232.1	207.3	101.7	15.4		
5	[illegible]	10.1												
5	[illegible]	424.1												
5	[illegible]	1.1												
5	[illegible]	10.4	230.2											
5	[illegible]	424.1												
5	[illegible]	15.1	2.1	101.4										
5	[illegible]	4.1	2.4											
5	[illegible]	10.1												
5	[illegible]	15.1	611.1	230.1										
5	[illegible]	10.6	14.1	207.2										
5	[illegible]	23.2												
5	[illegible]	10.1	1.1	101.1										
5	[illegible]	10.2	299.1											
5	[illegible]	424.1												
5	[illegible]	10.6												
5	[illegible]	1.1												
5	[illegible]	23.1	230.1	101.2	14.1	10.1								
5	[illegible]	4.1												
5	[illegible]	2.1												
5	[illegible]	10.1												
5	[illegible]	2.1	207.2	101.2										
5	[illegible]	10.1												
5	[illegible]	4.2	2.4	10.6	100.3	15.2	14.13	101.20	13.2	207.2	P30.5	424.5	299.1	611.4
5	[illegible]	2.1												
5	[illegible]	15.2	14.2	10.1	100.1	611.2	424.7	230.3	101.3	4.1				
5	[illegible]	424.2												
5	[illegible]	1.2												
5	[illegible]	1.3	4.4	2.6	611.2	207.1	299.6	424.5	23C.3	232.2	1C.12	14.21	101.23	100.7
		15.1												
5	[illegible]	424.12	4.3	10.9	2.15	10C.12	15.3	14.20	101.16	1.1	P30.4	299.2	611.1	
5	[illegible]	2.1	101.1	14.1										
5	[illegible]	10.2	14.1	424.3										
5	[illegible]	23.1	4.1	4.1										
5	[illegible]	2.1	130.1											
5	[illegible]	4.2												
5	[illegible]	424.2												
5	[illegible]	424.3												
5	[illegible]	14.1	15.1	101.1										
5	[illegible]	10.1	14.1											
5	[illegible]	23.2												
5	[illegible]	1.1												
5	[illegible]	1.1												
5	[illegible]	10.2												
5	[illegible]	10.1	15.5	14.1	424.1	4.2	10.1							
5	[illegible]	10.3												
5	[illegible]	424.1												

```
5 [illegible]      4,2  10,3
5 [illegible]      424,2
5 [illegible]      232,1
5 [illegible]      232,1
5 [illegible]      1,1
5 [illegible]      1,1  424,1
5 [illegible]      1,1
5 [illegible]      1,2  15,1  232,2
5 [illegible]      232,1  10,1
5 [illegible]      4,1
5 [illegible]      1,1
5 [illegible]      15,3  14,1  424,2
5 [illegible]      101,2  14,1  1,2  -424,9
5 [illegible]      101,1
5 [illegible]      424,1
5 [illegible]      15,1  10,2  232,1  -424,2  101,2  296,1-  611,1
5 [illegible]      232,2  232,1  299,1  101,3  611,1  2,1  10,2
5 [illegible]      14,1  15,1  101,2
5 [illegible]      15,1
5 [illegible]      15,1
5 [illegible]      101,30
5 [illegible]      15,2
5 [illegible]      14,1
5 [illegible]      15,7  1,1  14,4  424,1
5 [illegible]      424,2
5 [illegible]      1,1  424,1
5 [illegible]      101,6  424,2
5 [illegible]      15,4  14,3  10,1  -424,3
5 [illegible]      101,5  15,1  14,1  10,2  10C,2  424,2
5 [illegible]      15,7
5 [illegible]      101,2  424,1
5 [illegible]      424,3
5 [illegible]      15,2  1,1  101,2
5 [illegible]      101,1
5 [illegible]      15,1  14,1  1,1  232,2  424,2  296,1
5 [illegible]      2,1  240,1  100,1  300,2
5 [illegible]      14,1  101,1  100,1  -424,1  296,1-
5 [illegible]      2,1  1,2  14,1  424,2  15,1  10C,1
5 [illegible]      14,1
5 [illegible]      1,1
5 [illegible]      4,3  230,2
5 [illegible]      8,1  4,1  10,2  232,7
5 [illegible]      232,1
5 [illegible]      2,16  4,15  299,4  10,19  10C,14  15,24  14,26  101,43  207,5  13C,2  230,8  232,6  300,3
                   611,5  424,17  1,3
5 [illegible]      15,1
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5 [illegible]      1,5  2,21  8,1  4,6  10,17  14C,2  13,10  101,6  100,7  15,10  14,9  207,1  230,3
                   232,4  424,10  300,1  611,2  296,1
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5	[illegible]	1/1	4/1	1	10/3	14/8	15/5	230/	101/	424/6	100/2			
5	[illegible]	299/1	230/3	6/3	4/2	10/1	100/1	101/4						
5	[illegible]	2/1	230/2	101/3	100/1	10/1	424/2							
5	[illegible]	2/2	10/1											
5	[illegible]	10/1												
5	[illegible]	2/1												
5	[illegible]	10/1	232/2	10/1	14/2	15/1	1/1							
5	[illegible]	1/1												
5	[illegible]	10/1												
5	[illegible]	1/4	101/2											
5	[illegible]	10/1	424/1	101/14	10/2	15/1	14/3							
5	[illegible]	14/1	101/2											
5	[illegible]	10/1	4/1											
5	[illegible]	2/1												
5	[illegible]	2/16	1/14	4/13	611/20	424/44	15/45	14/55	10/44	8/1	100/36	232/6	230/37	207/8
		101/230	280/1	300/1	299/14									
5	[illegible]	1/3	2/10	4/13	299/4	611/9	424/7	15/10	10C/22	101/61	14/22	280/1	232/1	230/15
		207/4	10/12	8/1										
5	[illegible]	2C7/1	424/6	100/5	15/2	14/7	161/9	1/4	2/4	4/1	10/6	232/1	230/5	
5	[illegible]	1/1												
5	[illegible]	2/3	101/2	424/2										
5	[illegible]	161/2	15/3	14/1	299/1									
5	[illegible]	299/1												
5	[illegible]	14/1	101/2											
5	[illegible]	424/4	10/1											
5	[illegible]	230/2	2/4	1/1	14/2	10/2	306/2	611/1	15/1	100/1	101/2			
5	[illegible]	1/22												
5	[illegible]	10/1	14/2											
5	[illegible]	1/1												
5	[illegible]	2/3	10/1											
5	[illegible]	2/2												
5	[illegible]	2/1												
5	[illegible]	424/2												
5	[illegible]	424/1												
5	[illegible]	1/9	2/22	14/24	10/18	4/18	10C/7	15/28	299/1	280/1	101/4	424/36		
5	[illegible]	10/1												
5	[illegible]	15/1												
5	[illegible]	424/32	299/3	101/9	100/5	14/17	15/37	2/14	611/1	10/22	4/13	1/10		
5	[illegible]	1/1	14/2	10/2	424/5	15/2								
5	[illegible]	2/1												



APPENDIX 8

60 ECL STRUCTURES AND LEXICON

The following list of 60 ECL structures is included as an addition to the structural and lexical list. These structures and lexical items are very basic. Giving examples of each and every item would make this document much more cumbersome. Therefore to facilitate review, this list was attached. (See Section II for discussion.)

Sentences:

A.	Declarative	statement
B.	Interrogative	question
	(1)	wh- questions
	(2)	tag questions
	(3)	yes/no questions
C.	Imperative	command, polite request
D.	Exclamatory	exclamation

Sentence Complexity:

A.	Simple	one full subject and predicate
B.	Compound	two or more independent clauses joined by:
		a. punctuation
		b. punctuation and conjunctive adverb
		c. coordinate conjunction
C.	Complex	one or more dependent clauses and an independent clause
D.	Compound-Complex	two or more independent clauses and one or more dependent clauses.

Verbs:

A.	Concord	subject-verb agreement
B.	Transitive	takes an object
C.	Intransitive	doesn't take an object
D.	Copula	to be
E.	Linking	connectors
F.	Auxiliaries of tense	will, do, did
G.	Auxiliaries of modality	should, ought to, must, have to, have got to, able to, can, may, might, could, would
H.	Tense	present, past
I.	Aspect	perfect, progressive

Verbal Forms:

A.	Present Participle	active voice
B.	Past Participle	passive voice

Voice:

A.	Active	subject does action
B.	Passive	subject does not do action
	(a)	agent expressed
	(b)	agent not expressed

Nouns:

A.	Singular	man, pen
B.	Plural	men, pens
C.	Count	chairs
D.	Mass	flour
E.	Possessive	soldier's
F.	Collective	fish

Adjectives:

A.	Predicative	The tank is green.
B.	Attributive	The green tank is moving.
C.	Degrees of comparison	
	(a) regular	big, bigger
	(b) irregular	worse, worst
D.	Ordinal/Cardinal Numbers	first, one

Adverbs:

A.	Time/Frequency	immediately, today, ago
B.	Place/Position	here, there, everywhere
C.	Manner	maybe, possibly
D.	Negative	no, never
E.	Comparison of	nearest, harder
F.	Degree	thoroughly, completely

Articles:

A.	Definite	a, the
B.	Indefinite	any, some

Pronouns:

A.	Personal	you
B.	Demonstrative	that
C.	Indefinite	anybody, both, each
D.	Reflexive	himself, yourself
E.	Cases of	I, me, my, mine
F.	Relative	who, whom, whose
G.	Interrogative	who, which, what

Conjunctions:

A.	Coordinating	and, but, or, nor
B.	Subordinating	because, if, as, that, after
C.	Correlative	either, or
D.	Conjunctive adverb	therefore, furthermore

Prepositions:

A. Simple	
(a) place	on, in
(b) time	in, at, on
(c) direction/motion	to
(d) manner/agent/ instrument	by, with
(e) measurement, number amount	of
B. Compound:	according to, because of, by means
Vocabulary:	words from 1100 through 2400 - Elementary and Intermediate Phase of General English materials
Special Expressions/Idioms	"knock it off" "can it, buddy"
Verb Combinations	"two word verbs"