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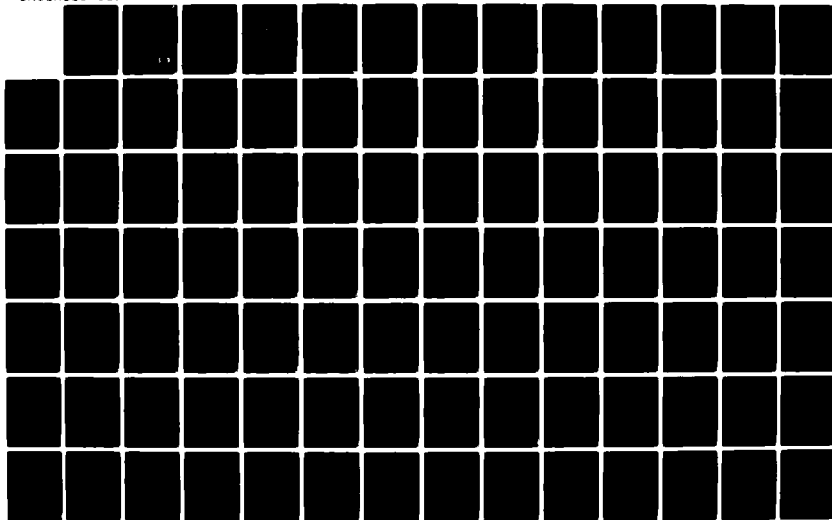
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-62J
GENERAL CONSTRUCTION EQ..(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER... 28 SEP 79

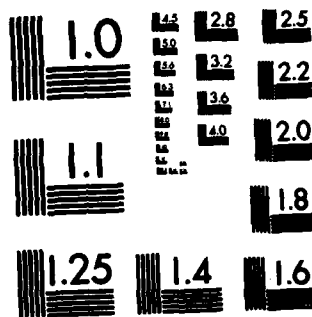
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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 62J
MOS
GENERAL CONSTRUCTION EQUIPMENT OPERATOR

REFERENCE SOLDIER'S MANUAL DATED

28 September 1979

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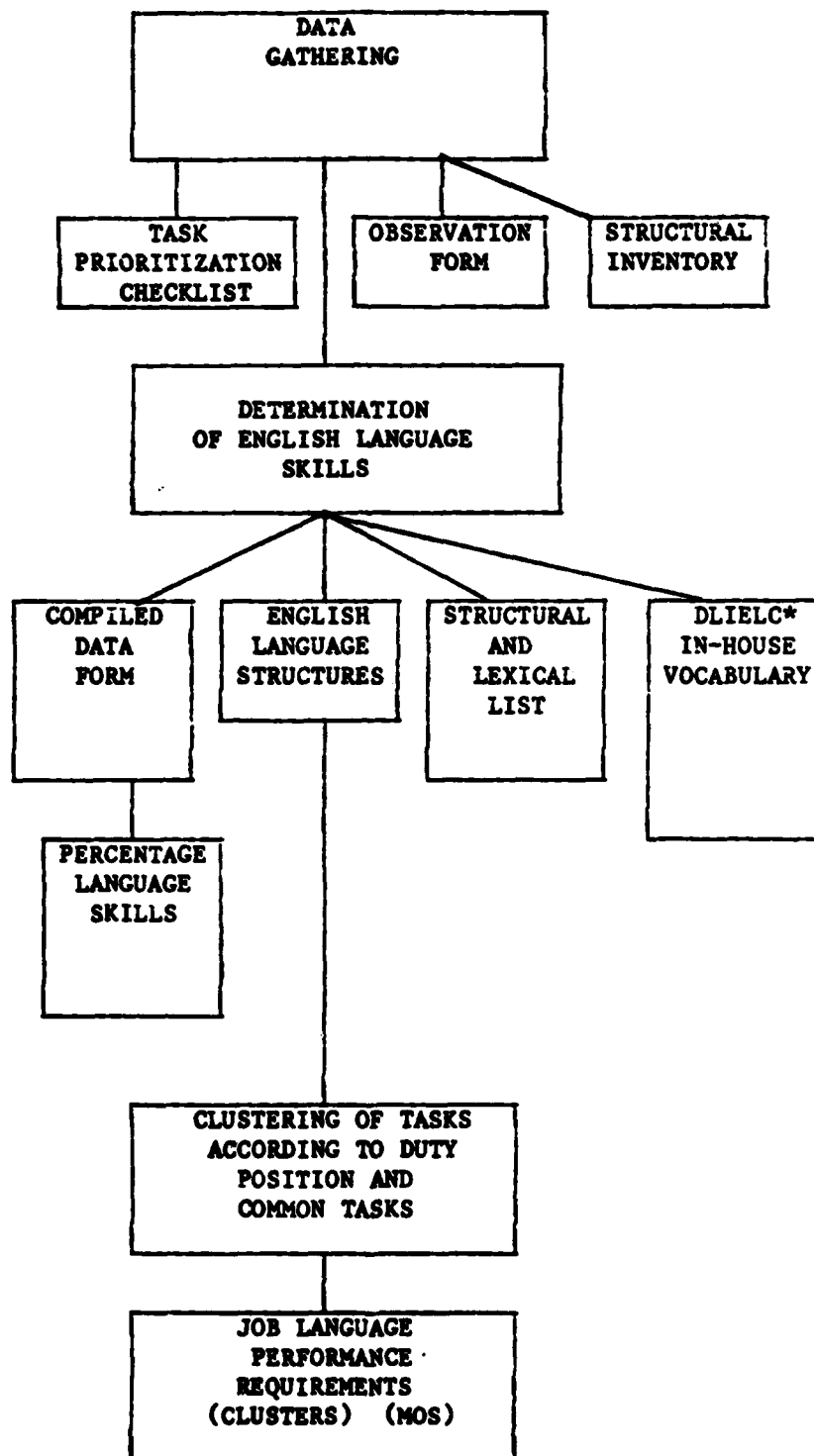


FIGURE 1

*Defense Language Institute English Language Center

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) → The Job Language Performance Requirements (JLPR) study was conducted to deter- mine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. ←		

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

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

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

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

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

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

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

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

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

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

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

Thank you for your cooperation. It is greatly appreciated.

SECTION I

DATA GATHERING

INTRODUCTION

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

SECTION I: DATA GATHERING

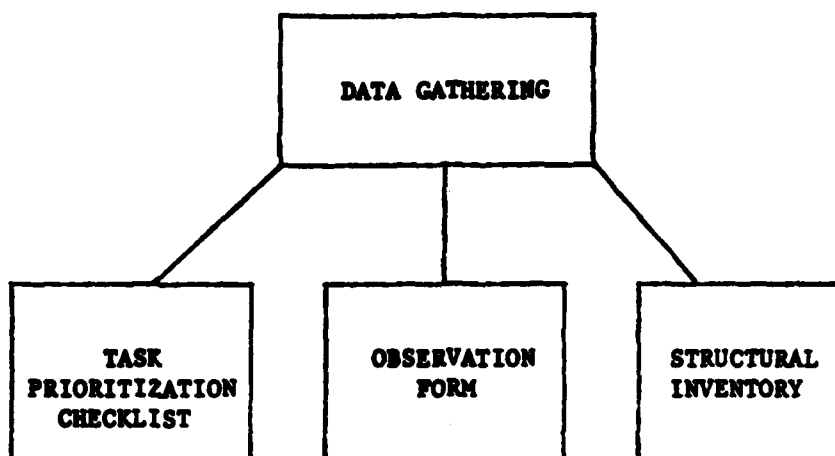


FIGURE 2

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

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

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

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

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

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

SUMMARY/CONCLUSION:

The tools for data gathering were:

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

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

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

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

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

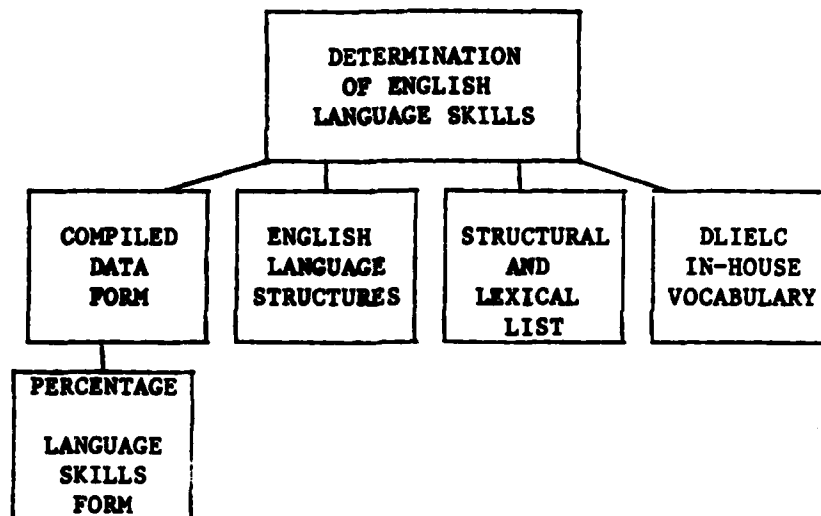


FIGURE 3

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

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

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See A1

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

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

T = total number of tasks per cluster

V = language skill variable per cluster**

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

TR = total tally of responses per task per skill

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

Percentages found in this MOS were:

Listening	58%
Speaking	40%
Reading	25%
Writing	29%

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

**See A3

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

SUMMARY/CONCLUSION:

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

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

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

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

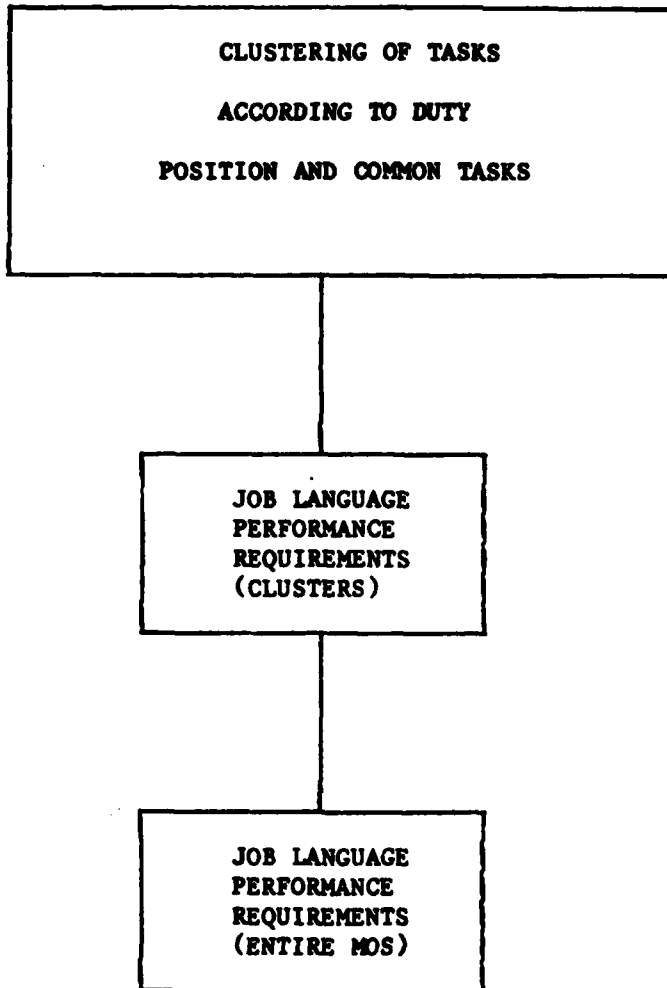


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

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

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. COMMUNICATIONS
8. LAND NAVIGATION
9. M16A1 RIFLE
10. LIGHT ANTITANK WEAPON (LAW)
11. GRENADES
12. MINES
13. WHEELED VEHICLE OPERATOR
14. LEADERSHIP
15. .50 CALIBER MACHINEGUN
16. M60 MACHINEGUN
17. DA FORMS
18. FIELD FORTIFICATIONS
19. RIGGING
20. AIR COMPRESSOR
21. ROLLERS
22. ROTARY SWEEPER
23. ROTARY TILLER
24. WATER DISTRIBUTOR
25. UTILITY TRACTOR
26. EARTH AUGER
27. DITCHING MACHINE
28. WATER WELL DRILLING

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

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

SPEAKING

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

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

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

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

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

READING

Read for information/to learn.

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

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

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

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

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

LISTENING

Listen to oral information to learn/to report.

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

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

B. CONDITIONS

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

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

C. STANDARDS

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

SUMMARY/CONCLUSION:

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

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

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

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

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening	62%
Speaking	54%
Reading	27%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

III. TASK NUMBERS AND TITLES

081-831-1001	Perform mouth-to-mouth resuscitation
081-831-1002	Perform cardiopulmonary resuscitation (CPR) using one man method
081-831-1003	Clear the airway using the Heimlich maneuver
081-831-1004	Apply first aid measures to stop bleeding
081-831-1005	Give first aid to prevent shock
081-831-1006	Splint a suspected fracture
081-831-1007	Give first aid for burns
081-831-1008	Give first aid for heat injuries
081-831-1009	Give first aid for wet or cold injuries
081-831-1010	Give first aid for snakebite

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	67%
Speaking	54%
Reading	28%
Writing	28%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

TASK: Listen to perform
CONDITIONS: Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral utterances

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

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

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS: 100% understanding of printed content

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

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

III. TASK NUMBERS AND TITLES

031-503-1001	Perform operator's maintenance on an M17 series protective mask
031-503-1002	Put on and wear protective mask
031-503-1004	Recognize and protect self against a CB hazard
031-503-1005	Recognize and protect self against nuclear hazard
031-503-1007	Decontaminate self
031-503-1008	Decontaminate individual equipment
031-503-1009	Satisfy personal needs in a chemical environment
081-831-1011	Give first aid for nerve agent casualty
081-831-1012	Give first aid for blister agent casualty
081-831-1013	Give first aid for blood agent casualty
081-831-1014	Apply mask-to-mouth resuscitation to a chemical agent casualty
081-831-1015	Give back-pressure armlift artificial resuscitation to a chemical agent casualty

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	13%
Reading	4%
Writing	3%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)

STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)

STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations

STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-327-0201	Maintain an appropriate level of physical fitness (male only)
071-327-0210	Maintain an appropriate level of physical fitness (female only)

BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	39%
Reading	19%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-328-5304	Enforce preventive medicine program (includes personal hygiene)
081-851-1001	Disinfect water for drinking (canteen)
071-326-0501	Move as a member of a fire team
071-326-0502	Move under direct fire
071-326-0512	Estimate range
071-326-0513	Select temporary battlefield position
071-326-5703	Construct individual fighting positions
071-331-0805	Engage enemy armor weak points
071-331-0852	Clear fields of fire
071-326-5501	Control rate and distribution of fire
071-326-0600	Use visual signals to control movement (dismounted)

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	73%
Speaking	40%
Reading	14%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-202-1001	Camouflage/conceal self and individual equipment
051-202-1002	Camouflage/conceal equipment
051-202-1003	Camouflage/conceal defensive positions

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	39%
Reading	13%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

TASK: Listen to orally interact
CONDITIONS: Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral information

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

TASK: Produce spontaneous oral utterances to interact
CONDITIONS: Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral utterances

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

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

III. TASK NUMBERS AND TITLES

071-331-0801	Use challenge and password
071-331-0802	Process known or suspected enemy personnel
071-331-0803	Collect/report information--SALUTE
071-331-0806	Identify opposing force (OPFOR) armored vehicles
071-331-0807	Enforce noise, light, and litter discipline

V-10-62J

COMMUNICATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	55%
Speaking	63%
Reading	25%
Writing	31%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral utterances
TASK:	Listen to perform
CONDITIONS:	Given a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-571-1005 Send or receive a radiotelephone message

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	42%
Reading	32%
Writing	33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES

071-329-1001	Identify terrain features (natural and manmade) on the map
071-329-1002	Determine the grid coordinate of a point on a military map using the military grid reference system
071-329-1003	Determine a magnetic azimuth using a compass
071-329-1004	Determine the elevation of a point on the ground using a map

071-329-1005	Determine a location on the ground by map-terrain association
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
071-329-1009	Convert azimuths (magnetic or grid)
071-329-1010	Determine azimuths using a coordinate scale and protractor
071-329-1011	Orient a map using a compass
071-329-1012	Orient a map to the ground by map-terrain association
071-329-1014	Locate an unknown point on a map or on the ground by intersection
071-329-1015	Locate an unknown point on a map or on the ground by resection

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	62%
Speaking	32%
Reading	13%
Writing	22%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

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
071-311-2006	Use limited visibility firing techniques with the M16A1 rifle
071-311-2007	Qualify with the M16A1 rifle

V-14-62J

LIGHT ANTITANK WEAPON (LAW)

I. PERCENTAGE LANGUAGE SKILLS

Listening	69%
Speaking	44%
Reading	11%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

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

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	29%
Reading	10%
Writing	15%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

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 target 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
071-325-4402 Engage enemy targets with hand grenades
071-325-4405 Identify and employ hand grenades

MINES

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	42%
Reading	15%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to mark mine fields
STANDARDS:	100% understandable and legible written communication

III. TASK NUMBERS AND TITLES

051-192-1002	Install the M16A1 bounding antipersonnel mine with and without tripwires
051-192-1003	Install the M18A1 fragmentation antipersonnel mine (Claymore) with and without tripwires
051-192-1005	Install the M26 antipersonnel mine with and without tripwires

051-192-1006	Install the M15 heavy antitank mine with and without anti-handling devices
051-192-1008	Install the M21 metallic antitank (AT) mine
051-192-1012	Disarm the M16A1 bounding antipersonnel mine equipped with and without tripwires
051-192-1013	Disarm the M18A1 fragmentation antipersonnel mine (Claymore) equipped with and without tripwires
051-192-1015	Disarm the M26 antipersonnel mine equipped with and without tripwires
051-192-1016	Disarm the M15 heavy antitank mine equipped with and without antihandling devices
051-192-1018	Disarm the M21 metallic antitank mine
051-192-1021	Locate mines by visual means
051-192-1022	Locate mines by probing
051-192-1025	Neutralize enemy mines

WHEELED VEHICLE OPERATOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	70%
Speaking	50%
Reading	33%
Writing	50%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-721-1007	Perform before-operation maintenance
551-721-1008	Perform during-operation maintenance
551-721-1009	Perform after-operation maintenance

LEADERSHIP

I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	50%
Reading	33%
Writing	36%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and produce written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-328-5301	Inspect personnel/equipment
071-328-5302	Supervise maintenance on individual and TOE equipment
121-030-2501	Prepare the rater's section of an enlisted evaluation report (EER)

.50 CALIBER MACHINEGUN

I. PERCENTAGE LANGUAGE SKILLS

Listening	66%
Speaking	48%
Reading	16%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)

STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)

STANDARDS: 100% understandable oral utterances

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

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

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

III. TASK NUMBERS AND TITLES

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 target with a caliber .50 machinegun
071-313-3455 Set headspace and timing on a caliber .50 machinegun

42
V-23-62J

M60 MACHINEGUN

I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	42%
Reading	19%
Writing	28%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to answer in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of requirements, captioned illustrations and labels
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-312-3001	Operate an M60 Machinegun
071-312-3005	Perform operator's maintenance on an M60 machinegun and ammunition
071-312-3002	Fire the M60 machinegun for familiarization
071-312-3003	Lay M60 machinegun using field expedients
071-312-3004	Construct an M60 machinegun position
071-312-3007	Prepare a range card for an M60 machinegun
071-312-3008	Qualify with an M60 machinegun
071-312-3009	Zero an M60 machinegun on 10-meter range

V-24-62J

DA FORMS

I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	36%
Reading	26%
Writing	39%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and produce written reports
STANDARDS:	100% understandable and legible written content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-721-1002	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet)
101-533-1169	Complete equipment daily or monthly log (DA Form 24-8-1)

FIELD FORTIFICATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	50%
Reading	20%
Writing	23%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to interact
CONDITIONS:	Given the requirement to orally respond in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-195-1001	Install pickets and make barbed wire/barbed tape ties
051-195-1002	Install concertina

RIGGING

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	50%
Reading	33%
Writing	38%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-200-1001	Tie knots and lashings
051-200-1002	Reeve simple tackle systems

AIR COMPRESSOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	43%
Reading	40%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-1001	Perform before-operation maintenance on the air compressor
051-253-1002	Perform during-operation maintenance on the air compressor
051-253-1003	Perform after-operation maintenance on the air compressor
051-253-1004	Perform preventive maintenance on the air compressor tools
051-253-1005	Set up and operate air compressor

ROLLERS

I. PERCENTAGE LANGUAGE SKILLS

Listening	63%
Speaking	33%
Reading	11%
Writing	31%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-1006	Perform before-operation maintenance on the steel-wheeled roller
051-253-1007	Perform during-operation maintenance on the steel-wheeled roller
051-253-1008	Perform after-operation maintenance on the steel-wheeled roller
051-253-1009	Compact material with the two-axle, steel-wheeled roller
051-253-1011	Perform before-operation maintenance on the pneumatic-tired roller
051-253-1012	Perform during-operation maintenance on the pneumatic-tired roller

051-253-1013	Perform after-operation maintenance on the pneumatic-tired roller
051-253-1014	Compact material with the pneumatic-tired roller
051-253-1015	Perform before-operation maintenance on the self-propelled vibratory roller
051-253-1016	Perform during-operation maintenance on the self-propelled vibratory roller
051-253-1017	Perform after-operation maintenance on the self-propelled vibratory roller
051-253-1018	Compact material with the self-propelled vibratory roller
051-253-1019	Perform before-operation maintenance on the self-propelled tamping foot roller
051-253-1020	Perform during-operation maintenance on the self-propelled tamping foot roller
051-253-1021	Perform after-operation maintenance on the self-propelled tamping foot roller
051-253-1022	Compact material with the self-propelled tamping foot roller

ROTARY SWEEPER

I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	30%
Reading	33%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-1023	Perform before-operation maintenance on the rotary sweeper
051-253-1024	Perform during-operation maintenance on the rotary sweeper
051-253-1025	Perform after-operation maintenance on the rotary sweeper
051-253-1026	Perform sweeping operations with the rotary sweeper

ROTARY TILLER

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	25%
Reading	25%
Writing	31%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-1027	Perform before-operation maintenance on the rotary tiller
051-253-1028	Perform during-operation maintenance on the rotary tiller
051-253-1029	Perform after-operation maintenance on the rotary tiller
051-253-1030	Mix materials with the rotary tiller

WATER DISTRIBUTOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	44%
Reading	31%
Writing	33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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); using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-1031	Perform before-operation maintenance on the water distributor
051-253-1032	Perform during-operation maintenance on the water distributor
051-253-1033	Perform after-operation maintenance on the water distributor
051-253-1034	Pressure-fill the water distributor
051-253-1035	Operate the truck in water distributor spraying operations
051-253-1036	Perform spraying operations with the water distributor

UTILITY TRACTOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	36%
Reading	28%
Writing	33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-2201	Perform before-operation maintenance on the utility tractor
051-253-2202	Perform during-operation maintenance on the utility tractor
051-253-2203	Perform after-operation maintenance on the utility tractor
051-253-2204	Load dump truck, using the loader on the utility tractor
051-253-2205	Dig a trench, using a backhoe on the utility tractor
051-253-2206	Break up asphalt, using the paving breaker attachment on the utility tractor

EARTH AUGER

I. PERCENTAGE LANGUAGE SKILLS

Listening	56%
Speaking	30%
Reading	40%
Writing	45%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-2207	Perform before-operation maintenance on the earth auger
051-253-2208	Perform during-operation maintenance on the earth auger
051-253-2209	Perform after-operation maintenance on the earth auger
051-253-2210	Bore holes with the earth auger

DITCHING MACHINE

I. PERCENTAGE LANGUAGE SKILLS

Listening	56%
Speaking	30%
Reading	40%
Writing	43%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6).
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-2211	Perform before-operation maintenance on the ditching machine
051-253-2212	Perform during-operation maintenance on the ditching machine
051-253-2213	Perform after-operation maintenance on the ditching machine
051-253-2214	Dig a ditch, using the ditching machine

WATER WELL DRILLING

I. PERCENTAGE LANGUAGE SKILLS

Listening	10%
Speaking	25%
Reading	50%
Writing	38%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 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), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses

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

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

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-253-1901	Select site for well-drilling operations
051-253-1902	Position, erect, and level the well-drilling rig
051-253-1903	Construct mud pits and ditches
051-253-1904	Prepare drilling mud
051-253-1905	Perform before-operation maintenance on the rotary well-drilling rig

051-253-1906 Perform during-operation maintenance on the rotary
well-drilling rig
051-253-1907 Perform after-operation maintenance on the rotary
well-drilling rig
051-253-1908 Drill with the rotary well drill
051-253-1909 Perform well-completion

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

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

LISTENING

TASK: Understand oral language intended to inform or instruct.

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

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

The following are specific conditions found in this language task:

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

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

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

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

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

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

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

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

READING

- TASK:** Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of printed content.

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

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

- TASK:** Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of written content.

The following are specific conditions found in this language task:

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

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

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

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

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

YOUR CURRENT MOS: _____
(PRESENTLY WORKING IN) _____

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

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

YES NO IS TASK TAUGHT?

LISTENING*
SPEAKING*
READING*
WRITING*

LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON

YES NO IS TASK TESTED?

WRITTEN
ORAL
PERFORMANCE
PERSON

PERFORMER
RESULT
DANCE

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

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

DATA OBTAINED FROM

TRAINING SPECIALIST[illegible]

Lyons

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

NAME of officer	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	writing		reading		speaking		listening	
						1	2	1	2	1	2	1	2
	difficulty?	danger to person or equipment	self-paced	written									
	tested?	importance	hands-on	oral									
	taught?		demonstration	performance									
			lecture										

File # 710

TRAINING SPECIALIST

Nuclear, Biological and Chemical Operations

TRAINING SPECIALIST

INDIVIDUAL
FITNESS

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT		importance	equipment	danger to person or
						tested?	difficult?			
001 101 101			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening					
001 101 101			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening					
001 101 101			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening					
001 101 101			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening					
001 101 101			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening					
001 101 101			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening					

BASIC INDIVIDUAL TECHNIQUES

TRAINING SPECIALIST

RATING OF ELs	writing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	reading	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	speaking	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	listening	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
METHODS OF TESTING	written	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	oral	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	performance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
METHODS OF TEACHING	self-paced	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	hands-on	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	demonstration	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	lecture	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CRITICALITY	danger to person or	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
UNIT	difficult?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	tested?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

NUMBER OF RESPONDENTS

TRAINING SPECIALIST

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

BASIC INDIVIDUAL TECHNIQUES - CONT.

TRAINING SPECIALIST

NUMBER OF RESPONDENTS**TRAINING SPECIALIST**

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELLS
					writing
					reading
					speaking
					listening
					written
					oral
					performance
					self-paced
					hands-on
					demonstration
					lecture
					danger to person or
					equipment
					importance
					difficulty?
					tested?
					taught?

INTEL 990903
* 1112755

COMMUNICATIONS
SECURITY + INTELLIGENCE UNIT

[illegible]**TRAINING SPECIALIST**

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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LAND NAVIGATION - CONT.

DATA OBTAINED FROM _____ TRAINING SPECIALIST

MM 41 21625

RATING OF ELS	writing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	writing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

MB7

DATA OBTAINED FROM

TRAINING SPECIALIST

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
				writing	reading	speaking	listening
1	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
2	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
3	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
4	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
5	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
6	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
7	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
8	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
9	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
10	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
11	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
12	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
13	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
14	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
15	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
16	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
17	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
18	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
19	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
20	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
21	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
22	danger to person or equipment importance	self-paced	written				
		hands-on	oral				
		demonstration	performance				
		lecture					
23	danger to person or equipment importance	self-paced	written				

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

[illegible]

SECRET

DATA OBTAINED FROM	TRAINING SPECIALIST

TASK	NUMBER
1. Review the project charter and scope statement.	1
2. Identify the project objectives and deliverables.	2
3. Develop a project management plan.	3
4. Monitor and control the project progress.	4
5. Close the project and conduct a post-mortem.	5

Wife's

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
				writing	reading	speaking	listening
1	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
2	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
3	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
4	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
5	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
6	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
7	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
8	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
9	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
10	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓

		MOS _____	NUMBER OF RESPONDENTS _____	
		DATA OBTAINED FROM _____		TRAINING SPECIALIST _____
RATING OF E L S	writing			
	reading			
	speaking			
	listening			
METHODS OF TESTING	written			
	oral			
	performance			
METHODS OF TEACHING	self-paced			
	hands-on			
	demonstration			
	lecture			
CRITICALITY	danger to person or			
	equipment			
	importance			
A I T	difficulty?			
	tested?			
	taught?			
TASK NUMBER				

MINES - COURT

NOS _____ NUMBER OF RESPONDENTS _____
 DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
				writing	reading	speaking	listening
1	danger to person or	self-paced	written				
	equipment	hands-on	oral				
	importance	demonstration	performance				
		lecture					
2	danger to person or						
	equipment						
	importance						
3	danger to person or						
	equipment						
	importance						
4	danger to person or						
	equipment						
	importance						
5	danger to person or						
	equipment						
	importance						
6	danger to person or						
	equipment						
	importance						
7	danger to person or						
	equipment						
	importance						
8	danger to person or						
	equipment						
	importance						
9	danger to person or						
	equipment						
	importance						
10	danger to person or						
	equipment						
	importance						
11	danger to person or						
	equipment						
	importance						
12	danger to person or						
	equipment						
	importance						
13	danger to person or						
	equipment						
	importance						
14	danger to person or						
	equipment						
	importance						
15	danger to person or						
	equipment						
	importance						
16	danger to person or						
	equipment						
	importance						
17	danger to person or						
	equipment						
	importance						
18	danger to person or						
	equipment						
	importance						
19	danger to person or						
	equipment						
	importance						
20	danger to person or						
	equipment						
	importance						

MOS _____ NUMBER OF RESPONDENTS _____
DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

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

MINS - CONT

DATA OBTAINED FROM TRAINING SPECIALIST

Witnessed Vehicle Operator

[illegible]

MOS	NUMBER OF RESPONDENTS
DATA OBTAINED FROM	TRAINING SPECIALIST

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

TASK NUMBER	011-349-3414	011-349-3415	011-349-3416	011-349-3417	011-349-3418

M6C-MACHINESGUN
- 50 - CONT.

TRAINING SPECIALIST

MR MATHIAS - CONT

MISSING - FIELD FORTIFICATIONS - DA FORMS

RATING OF ELS	writing	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

TRAINING SPECIALIST

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

TASK

2155148-
Court

Dr. Comptroller

DATA OBTAINED FROM

TRAINING SPECIALIST

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

405

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

RATING OF ELs		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing	1 1	written	1 1	self-paced	1 1	danger to person or	3 3	difficulty?	1 1
reading	2 2	oral	1 1	hands-on	2 2	equipment	3 3	tested?	1 1
speaking	1 1	performance	2 2	demonstration	1 1	importance	1 1	taught?	1 1
listening	2 2			lecture	2 2				

TASK

5044 Y.O. / 53

201 10/10/10

Dr. J. M. J. J.

1

1

5257705

DATA OBTAINED FROM

TRAINING SPECIALIST

[illegible]

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing	22	written	11	self-paced	11	danger to person or	22	difficulty?	11
reading	22	oral	11	hands-on	22	equipment	22	tested?	22
speaking	11	performance	22	demonstration	11	importance	11	taught?	22
listening	22			lecture	22				

TASK	NUMBER
1. Read the text and answer the questions.	1
2. Write a short paragraph about the importance of recycling.	2
3. Discuss the environmental impact of plastic waste.	3
4. Write a letter to the local council suggesting improvements for recycling.	4
5. Research and report on a new recycling technology.	5
6. Create a poster about recycling for a school project.	6
7. Interview a recycling expert and write a report.	7
8. Write a speech for a recycling awareness event.	8
9. Design a recycling program for a community center.	9
10. Write an article about the benefits of recycling.	10

Rollers - Court.

TRAINING SPECIALIST

Realiz - Count

PAGE OF		NO. _____ NUMBER OF RESPONDENTS _____	
		DATA OBTAINED FROM _____ TRAINING SPECIALIST _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or		
	equipment		
	importance		
UNIT	difficult?		
	tested?		
		MOS _____ NUMBER OF RESPONDENTS _____	
		DATA OBTAINED FROM _____ TRAINING SPECIALIST _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or		
	equipment		
	importance		
AIT	difficulty?		
	tested?		
	taught?		
TASK NUMBER			

10:22:21 Sweeper
10:22:21 Sweeper

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
034-253-1024	difficulty?		self-paced	written	writing
	tested?		hands-on	oral	reading
	taught?		demonstration	performance	speaking
			lecture		listening
034-253-1024		danger to person or equipment			
		importance			
034-253-1024					
034-253-1024					

NOTARY PUBLIC

AD-A121 066

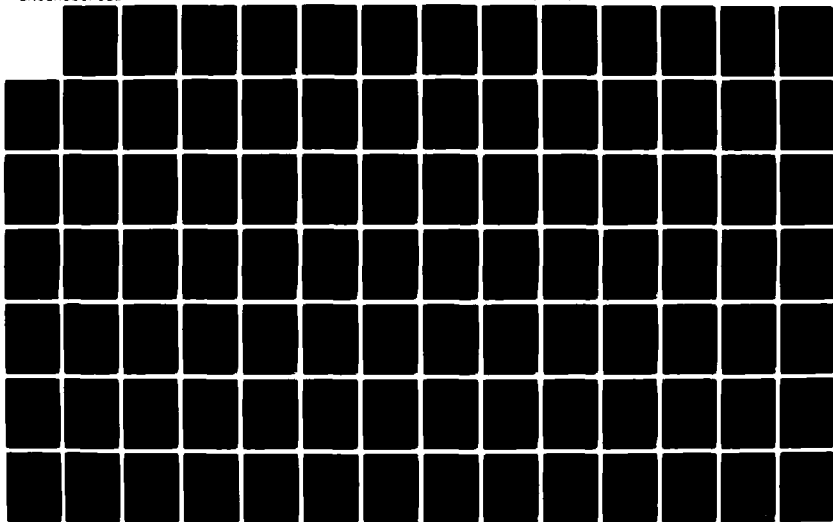
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-62J
GENERAL CONSTRUCTION EQ..(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 28 SEP 79

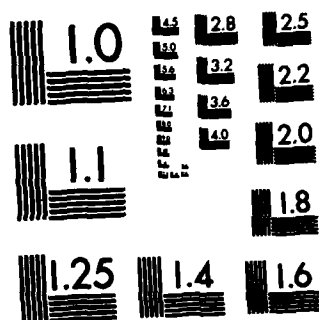
24

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

TRAINING SPECIALIST

UTILITY TRACTOR

TRAINING SPECIALIST

22 July 1953

TRAINING SPECIALIST

AIT

1

Water Well Drilling

TRAINING SPECIALIST

WATER WELL DRILLING - CONT.

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

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

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

**PERCENTAGE LANGUAGE SKILLS
NOS 62J**

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

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
FIRST AID 081-831-1001 081-831-1010	$10 \times 5 \times 9 = 450$ 57 57 58 43 66 281 $450 \overline{) 281.000}$	$10 \times 2 \times 9 = 180$ 40 57 97 $180 \overline{) 97.000}$	$10 \times 3 \times 9 = 270$ 8 16 49 73 $270 \overline{) 73.000}$	$10 \times 4 \times 9 = 360$ 57 8 16 4 85 $360 \overline{) 85.000}$
	62%	54%	27%	24%
NBC	$12 \times 5 \times 10 = 600$ 74 92 80 59 99 404 $600 \overline{) 404.000}$	$12 \times 2 \times 10 = 240$ 56 74 130 $240 \overline{) 130.000}$	$1 \times 3 \times 10 = 30$ 1 7 10 $30 \overline{) 102.000}$	$12 \times 4 \times 10 = 480$ 92 11 17 16 136 $480 \overline{) 136.000}$
	67%	54%	28%	28%
INDIVIDUAL FITNESS 071-327-0201 071-327-0210	$2 \times 5 \times 8 = 80$ 2 1 7 8 5 23 $80 \overline{) 23.000}$	$2 \times 2 \times 8 = 32$ 1 3 4 $32 \overline{) 4.000}$	$2 \times 3 \times 8 = 48$ 1 0 1 2 $48 \overline{) 2.000}$	$2 \times 4 \times 8 = 64$ 1 1 0 2 $64 \overline{) 2.000}$
	28%	13%	4%	3%
10V				

**PERCENTAGE LANGUAGE SKILLS
NOS 625**

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
Basic Individual Technique:	$11 \times 5 \times 6 = 330$ 18 31 31 29 38 147 $330 \overline{) 147.000}$ $\cdot 445$	$11 \times 2 \times 6 = 132$ 17 35 52 $132 \overline{) 52.000}$ $\cdot 394$	$11 \times 3 \times 6 = 198$ 5 0 32 37 $198 \overline{) 37.000}$ $\cdot 187$	$11 \times 4 \times 6 = 264$ 31 5 0 15 51 $264 \overline{) 51.000}$ $\cdot 193$
	45%	39%	19%	19%
CAMOUFLAGE	$3 \times 5 \times 10 = 150$ 20 17 25 21 27 110 $150 \overline{) 110.000}$ $\cdot 733$	$3 \times 2 \times 10 = 60$ 6 18 24 $60 \overline{) 24.000}$ $\cdot 400$	$3 \times 3 \times 10 = 90$ 1 4 0 3 24 $90 \overline{) 13.000}$ $\cdot 144$	$3 \times 4 \times 10 = 120$ 17 4 0 3 24 $120 \overline{) 24.000}$ $\cdot 200$
OS 102-1001 THRU OS 202-1003	73%	40%	14%	20%
SECURITY AND INTELLIGENCE	$5 \times 5 \times 10 = 250$ 17 27 14 17 28 102 $250 \overline{) 102.000}$ $\cdot 412$	$5 \times 2 \times 10 = 100$ 13 26 39 $100 \overline{) 39.000}$ $\cdot 390$	$5 \times 3 \times 10 = 150$ 1 0 19 20 $150 \overline{) 27.000}$ $\cdot 133$	$5 \times 4 \times 10 = 200$ 27 1 0 6 34 $200 \overline{) 170.000}$ $\cdot 170$
071-331-0801 THRU 071-331-0803 071-331-0806 071-331-0807	41%	39%	13%	17%
107				

... - total number of responses to variables in the cluster
T = number of tasks in ' ' cluster
V = variables
R = number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS NOS 625

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

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
COMMUNICATIONS	$1 \times 5 \times 4 = 20$ $\begin{array}{r} 2 \\ 2 \\ 2 \\ 2 \\ 3 \\ \hline 11 \end{array}$ $113-571-1005$ $20 \overline{) 11.000} \begin{array}{l} .550 \\ 11.000 \end{array}$	$1 \times 2 \times 4 = 8$ $\begin{array}{r} 2 \\ 3 \\ \hline 5 \end{array}$ $8 \overline{) 5.000} \begin{array}{l} .625 \\ 5.000 \end{array}$	$1 \times 3 \times 4 = 12$ $\begin{array}{r} 1 \\ 0 \\ 2 \\ \hline 3 \end{array}$ $12 \overline{) 3.000} \begin{array}{l} .250 \\ 3.000 \end{array}$	$1 \times 4 \times 4 = 16$ $\begin{array}{r} 2 \\ 1 \\ 0 \\ 2 \\ \hline 5 \end{array}$ $16 \overline{) 5.000} \begin{array}{l} .313 \\ 5.000 \end{array}$
	55%	63%	25%	31%
LAND NAVIGATION	$14 \times 5 \times 10 = 700$ $\begin{array}{r} 99 \\ 95 \\ 105 \\ 108 \\ 116 \\ \hline 523 \end{array}$ $700 \overline{) 22.000} \begin{array}{l} .747 \\ 22.000 \end{array}$	$14 \times 2 \times 10 = 280$ $\begin{array}{r} 26 \\ 92 \\ \hline 118 \end{array}$ $280 \overline{) 118.000} \begin{array}{l} .421 \\ 118.000 \end{array}$	$14 \times 3 \times 10 = 420$ $\begin{array}{r} 9 \\ 43 \\ 81 \\ \hline 133 \end{array}$ $420 \overline{) 123.000} \begin{array}{l} .317 \\ 123.000 \end{array}$	$14 \times 4 \times 10 = 560$ $\begin{array}{r} 95 \\ 9 \\ 43 \\ 39 \\ \hline 186 \end{array}$ $560 \overline{) 15.000} \begin{array}{l} .332 \\ 15.000 \end{array}$
071-329-1001 THRU 071-329-1012 071-329-1014 071-329-1015				
	75%	42%	32%	33%
M16A1 RIFLE	$5 \times 5 \times 10 = 250$ $\begin{array}{r} 22 \\ 31 \\ 35 \\ 33 \\ 35 \\ \hline 156 \end{array}$ $250 \overline{) 16.000} \begin{array}{l} .624 \\ 16.000 \end{array}$	$5 \times 2 \times 10 = 100$ $\begin{array}{r} 12 \\ 20 \\ \hline 32 \end{array}$ $100 \overline{) 32.000} \begin{array}{l} .320 \\ 32.000 \end{array}$	$5 \times 3 \times 10 = 150$ $\begin{array}{r} 3 \\ 5 \\ 12 \\ \hline 20 \end{array}$ $150 \overline{) 20.000} \begin{array}{l} .133 \\ 20.000 \end{array}$	$5 \times 4 \times 10 = 200$ $\begin{array}{r} 31 \\ 3 \\ 5 \\ 4 \\ \hline 43 \end{array}$ $200 \overline{) 4.000} \begin{array}{l} .200 \\ 4.000 \end{array}$
	62%	32%	13%	22%
104				

**PERCENTAGE LANGUAGE SKILLS
NOS 625**

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{N} = \%$	-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%
LAW 071-318-2201 THRU 071-318-2203	$3 \times 5 \times 6 = 90$ 12 10 12 13 15 <u>62</u> 90 $\overline{) 62.000}$.689	$3 \times 2 \times 6 = 36$ 6 10 <u>16</u> 36 $\overline{) 16.000}$.444	$3 \times 3 \times 6 = 54$ 1 0 5 <u>6</u> 54 $\overline{) 6.000}$.111	$3 \times 4 \times 6 = 72$ 10 1 0 1 <u>12</u> 72 $\overline{) 12.000}$.167
	69%	44%	11%	17%
GRENADES 071-311-2101 THRU 071-311-2105 071-315-4102 071-325-4405	$7 \times 5 \times 7 = 245$ 27 25 29 21 28 <u>130</u> 245 $\overline{) 130.000}$.531	$7 \times 2 \times 7 = 98$ 11 17 <u>28</u> 98 $\overline{) 28.000}$.286	$7 \times 2 \times 7 = 147$ 1 0 0 0 5 <u>30</u> 147 $\overline{) 14.000}$.095	$7 \times 4 \times 7 = 196$ 25 0 0 5 <u>30</u> 196 $\overline{) 19.000}$.153
	53%	29%	10%	15%
MINES 105	$13 \times 5 \times 6 = 390$ 38 33 40 35 42 <u>193</u> 390 $\overline{) 193.000}$.495	$13 \times 2 \times 6 = 156$ 26 39 <u>65</u> 156 $\overline{) 156.000}$.417	$13 \times 3 \times 6 = 234$ 3 2 31 <u>36</u> 234 $\overline{) 23.000}$.157	$13 \times 4 \times 6 = 312$ 33 3 2 21 <u>62</u> 312 $\overline{) 31.000}$.111
	50%	42%	15%	20%

**PERCENTAGE LANGUAGE SKILLS
NOS 62J**

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

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
WHEEL VEHICLE MOTOR 551-721-1007 THRU 551-721-1009	$3 \times 5 \times 8 = 120$ 12 21 18 15 18 84 $120 \overline{) 84.000} \quad .700$	$3 \times 2 \times 8 = 48$ 6 18 24 $48 \overline{) 24.000} \quad .500$	$3 \times 3 \times 8 = 72$ 3 3 18 24 $72 \overline{) 24.000} \quad .333$	$3 \times 4 \times 8 = 96$ 21 3 3 21 48 $96 \overline{) 48.000} \quad .500$
	70%	50%	33%	50%
LEADERSHIP 071-228-5301 071-228-5332 121-030-2501	$3 \times 5 \times 3 = 45$ 4 4 6 7 6 27 $45 \overline{) 27.000} \quad .600$	$3 \times 2 \times 3 = 18$ 4 5 9 $18 \overline{) 9.000} \quad .500$	$3 \times 3 = 27$ 2 3 7 $27 \overline{) 9.000} \quad .333$	$3 \times 4 \times 3 = 36$ 4 2 3 4 13 $36 \overline{) 13.000} \quad .361$
	60%	50%	33%	36%
50 CALIBER MACHINEGUN 071-313-3451 THRU 071-313-3455	$5 \times 5 \times 5 = 125$ 19 19 14 14 17 83 $125 \overline{) 83.000} \quad .664$	$5 \times 2 \times 5 = 50$ 10 14 24 $50 \overline{) 24.000} \quad .480$	$5 \times 3 \times 5 = 75$ 0 0 12 12 $75 \overline{) 12.000} \quad .160$	$5 \times 4 \times 5 = 100$ 19 0 0 1 24 $100 \overline{) 24.000} \quad .240$
	66%	48%	16%	24%
106				

PERCENTAGE LANGUAGE SKILLS
NOS 62J

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
M60 MACHINE-GUN 071-312-3001 THW 071-312-3005 071-312-3007 THW 071-312-3009	$8 \times 5 \times 6 = 240$ 30 34 41 32 42 179 $240 \overline{) 179.000}$	$8 \times 2 \times 6 = 96$ 15 25 40 $96 \overline{) 40.000}$	$8 \times 3 \times 6 = 144$ 3 5 20 28 $144 \overline{) 28.000}$	$8 \times 4 \times 6 = 192$ 34 3 5 12 54 $192 \overline{) 54.000}$
	75%	42%	19%	28%
DA Forms 551-721-1002 101-533-1169	$2 \times 5 \times 9 = 90$ 8 11 11 7 11 48 $90 \overline{) 48.000}$	$2 \times 2 \times 9 = 36$ 4 9 13 $36 \overline{) 13.000}$	$2 \times 3 \times 9 = 54$ 2 2 2 4 $54 \overline{) 14.000}$	$2 \times 4 \times 9 = 72$ 11 2 2 13 28 $72 \overline{) 28.000}$
	53%	36%	26%	39%
FIELD REIFICATIONS 051-195-1001 051-195-1002	$2 \times 5 \times 5 = 50$ 5 5 7 6 7 30 $50 \overline{) 30.000}$	$2 \times 2 \times 5 = 20$ 4 6 10 $20 \overline{) 10.000}$	$2 \times 3 \times 5 = 30$ 0 2 4 6 $30 \overline{) 6.000}$	$2 \times 4 \times 5 = 40$ 5 2 2 9 $40 \overline{) 4.000}$
	60%	50%	20%	23%

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

**PERCENTAGE LANGUAGE SKILLS
NOS 625**

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

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
R166 146 051-200-1001 051-200-1002	$2 \times 5 \times 2 = 20$ $\begin{array}{r} 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ \hline 10 \end{array}$ $20 \overline{) 10.000} \begin{array}{l} .500 \\ 10.000 \end{array}$	$2 \times 2 \times 2 = 8$ $\begin{array}{r} 2 \\ 2 \\ \hline 4 \end{array}$ $8 \overline{) 4.000} \begin{array}{l} .500 \\ 4.000 \end{array}$	$2 \times 3 \times 2 = 12$ $\begin{array}{r} 0 \\ 2 \\ 2 \\ \hline 4 \end{array}$ $12 \overline{) 4.000} \begin{array}{l} .333 \\ 4.000 \end{array}$	$2 \times 4 \times 2 = 16$ $\begin{array}{r} 2 \\ 0 \\ 2 \\ 2 \\ \hline 6 \end{array}$ $16 \overline{) 6.500} \begin{array}{l} .375 \\ 6.500 \end{array}$
	50%	50%	33%	38%
AIR COMPRESSOR 051-253-1001 THRU 051-253-1005	$5 \times 5 \times 7 = 175$ $\begin{array}{r} 24 \\ 24 \\ 30 \\ 29 \\ 25 \\ \hline 132 \end{array}$ $175 \overline{) 132.000} \begin{array}{l} .754 \\ 132.000 \end{array}$	$5 \times 2 \times 7 = 70$ $\begin{array}{r} 14 \\ 16 \\ \hline 30 \end{array}$ $70 \overline{) 27.000} \begin{array}{l} .429 \\ 27.000 \end{array}$	$5 \times 3 \times 7 = 105$ $\begin{array}{r} 5 \\ 5 \\ 9 \\ \hline 19 \end{array}$ $105 \overline{) 42.000} \begin{array}{l} .400 \\ 42.000 \end{array}$	$5 \times 4 \times 7 = 140$ $\begin{array}{r} 24 \\ 5 \\ 9 \\ \hline 11 \end{array}$ $140 \overline{) 49.000} \begin{array}{l} .350 \\ 49.000 \end{array}$
	75%	43%	40%	35%
ROLLERS 051-253-1006 THRU 051-253-1009 051-253-1011 THRU 051-253-1022	$16 \times 5 \times 9 = 720$ $\begin{array}{r} 67 \\ 80 \\ 107 \\ 92 \\ 107 \\ \hline 453 \end{array}$ $720 \overline{) 453.000} \begin{array}{l} .629 \\ 453.000 \end{array}$	$16 \times 2 \times 9 = 288$ $\begin{array}{r} 45 \\ 50 \\ \hline 95 \end{array}$ $288 \overline{) 25.000} \begin{array}{l} .330 \\ 25.000 \end{array}$	$16 \times 3 \times 9 = 432$ $\begin{array}{r} 21 \\ 27 \\ \hline 48 \end{array}$ $432 \overline{) 48.000} \begin{array}{l} .111 \\ 48.000 \end{array}$	$16 \times 4 \times 9 = 576$ $\begin{array}{r} 50 \\ 21 \\ 27 \\ \hline 50 \end{array}$ $576 \overline{) 178.000} \begin{array}{l} .309 \\ 178.000 \end{array}$
	63%	33%	11%	31%

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**PERCENTAGE LANGUAGE SKILLS
NOS 62J**

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

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
ROTARY SINEPER 051-253-1023 THWJ 051-253-1026	$4 \times 5 \times 5 = 100$ 8 12 12 12 16 <u>60</u> $100 \overline{) 60.000}$	$4 \times 2 \times 5 = 40$ 8 4 <u>12</u> $40 \overline{) 12.000}$	$4 \times 3 \times 5 = 60$ 0 4 <u>16</u> <u>20</u> $60 \overline{) 20.000}$	$4 \times 4 \times 5 = 80$ 12 0 4 <u>12</u> <u>28</u> $80 \overline{) 28.000}$
	60%	30%	33%	35%
ROTARY TILLER 051-253-1027 THWJ 051-253-1030	$4 \times 5 \times 4 = 80$ 4 8 8 8 12 <u>40</u> $80 \overline{) 40.000}$	$4 \times 2 \times 4 = 32$ 4 4 <u>8</u> $32 \overline{) 8.000}$	$4 \times 3 \times 4 = 48$ 0 2 <u>2</u> <u>2</u> $48 \overline{) 12.000}$	$4 \times 4 \times 4 = 64$ 8 0 0 12 <u>20</u> $64 \overline{) 20.000}$
	50%	25%	25%	31%
WATER DISTRIBUTOR 051-253-1031 THWJ 051-253-1036	$6 \times 5 \times 9 = 270$ 27 39 48 42 47 <u>203</u> $270 \overline{) 203.000}$	$6 \times 2 \times 9 = 108$ 24 24 <u>48</u> $108 \overline{) 48.000}$	$6 \times 3 \times 9 = 162$ 6 6 38 <u>50</u> $162 \overline{) 50.000}$	$6 \times 4 \times 9 = 216$ 39 6 6 21 <u>72</u> $216 \overline{) 72.000}$
	75%	44%	31%	33%

PERCENTAGE LANGUAGE SKILLS
NOS 62J

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

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
UTILITY TRACTOR 051-253-2201 THRU 051-253-2206	$6 \times 5 \times 9 = 270$ 30 36 47 43 42 203 $270 \overline{) 203.000} \quad .752$	$6 \times 2 \times 9 = 108$ 17 22 39 $108 \overline{) 39.000} \quad .361$	$6 \times 3 \times 9 = 162$ 6 7 32 45 $162 \overline{) 45.000} \quad .278$	$6 \times 4 \times 9 = 216$ 36 6 7 22 71 $216 \overline{) 71.000} \quad .329$
	75%	36%	28%	33%
EARTH AUGER 051-253-2207 THRU 051-253-2210	$4 \times 5 \times 5 = 100$ 4 12 12 12 16 56 $100 \overline{) 56.000} \quad .560$	$4 \times 2 \times 5 = 40$ 8 4 12 $40 \overline{) 12.000} \quad .300$	$4 \times 3 \times 5 = 60$ 2 1 1 27 400 $60 \overline{) 4.000} \quad .400$	$4 \times 4 \times 5 = 80$ 12 4 4 16 36 400 $80 \overline{) 36.000} \quad .450$
	56%	30%	40%	45%
DITCHING MACHINE 051-253-2211 THRU 051-253-2214	$4 \times 5 \times 5 = 100$ 4 12 12 12 16 56 $100 \overline{) 56.000} \quad .560$	$4 \times 2 \times 5 = 40$ 8 4 12 $40 \overline{) 12.000} \quad .300$	$4 \times 3 \times 5 = 60$ 4 4 16 24 400 $60 \overline{) 24.000} \quad .400$	$4 \times 4 \times 5 = 80$ 12 4 4 14 37 400 $80 \overline{) 34.000} \quad .425$
	56%	30%	40%	43%
110				

T = number of tasks in the cluster

[illegible]

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

MOS _____

PERSON RECORDING _____

LOCATION
(UNIT/ATT) _____

SUBJECT _____

* TASK NUMBER IF KNOWN _____

Physical Environment of Instruction

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

Comments:

Styles of Communication Instructor, Verbal orders

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

Comments:

Media of Instruction

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

Comments:

Mode of Response

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

Comments:

Instructional Ratio

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

Comments:

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APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.

(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
2. Subject and action verb and direct/indirect object
Many things cause burns.
3. Subject and linking verb and subjective complement
This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

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

2. Conjunctive adverb

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

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

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

SENTENCE TYPES

1. INTERROGATIVE

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

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

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

5. ELLIPSIS:

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

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

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

2. CONTRAST

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

3. COMPARISON

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

4. RESULT

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

5. MANNER

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

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

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

8. CAUSE

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

9. ADVERSATIVE

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

10. CONDITION

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

PHRASES

1. GERUND

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

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

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

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

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

ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

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

3. SUPERLATIVES

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

PRONOUNS

1. INDEFINITE

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

2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.

VERBS

1. VERB TENSES

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

--You will be tested.

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

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

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

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

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

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

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

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

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

Injury or death could result.

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

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

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

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

GERUNDS

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

INFINITIVES

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

ADVERBS +

1. SUPERLATIVE

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

2. INDEFINITE

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

3. FREQUENCY

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

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

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

VERBS AND PREPOSITIONS

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

VERBS AND ADVERB

(particles)

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

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

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

MOS 62J

TASK NUMBER: 051-253-1001

TASK TITLE: Perform before-operation maintenance on the air compressor

<u>GEO</u>	<u>BASIC</u>	<u>TECH</u>
above	action	actuate
after	as required	a few times
air	checklist	air compressor
all	common	air cleaner
allow	corrective	air demand
as soon as	damaged	air discharge service valve
at the same time	inspection	air shutdown button
before	list v.	ammeter
below	manual	amperes
button	maintenance	appropriate
check	missing	
clean	operating	
close	order	
cold	overall	
common	parts	
correct	perform	
damaged	period	
do not	preventive	
engine	procedures	
fall v.	proper	
few	services	
for use	smeadley	
fill	supplier	
gauge	the following	
given	tools	
if	visual	
in		
inches		
increase		
keys		

GEN

Basic

Tech

less than
lock

minute

missing

more than

must be

note

normal

now

oil

on position

operate v.

operator

parked

parts

performed

press

pull

pulicat

push

push n.

quick

ready

reaches

report v.

seconds (time)

speed n.

started

stop

switch

taken

temperature

The cause

then

Perform Before-operation Maintenance on
the Air Compressor

<u>Gen Eng</u>	<u>keep</u>	<u>Basic Mil</u>	<u>Tech Eng</u>
given	above	manual	before-operation
before	do not	order	air compressor
all	more than	common	lubrication
must be	without	tools	14 W
check	minute	maintenance	service charts
performed	after	operating	operator's manual
parked	few	supplies	deficiencies
operator	the cause	services	preventive maintenance
common	report, or	corrective	applicable
Tools	as soon as	action	technical manual
air	allow	preventive	checklist
started	water	list, or	checks & services
taken	temperature	procedures	minimal
use	press	perform	specific
in	reached	checklist	references
engine	gauge	the following	chapter
oil	than	as required	table
fill	until	overall	section
below	increase	visual	figure
two	ready	inspection	paragraph
inches	now	worn, adj	radiator
clean	for use	damaged	assembly
speed, or	normal	missing	coolant
damaged	operate, or	part	level
missing	with	proper	proper
parts	less than	period	filler neck
correct	if	smoothly	fuel tank
close	fail, or		engine crankcase
switted	note		depression gage
on position	weather		air cleaner
stop "	cold		restriction
pull	pull out		indicators
push	lock		engine speed control
second (time)	quick		linkage
button	while		freedom of movement
at the same time	push in		

MOS 625

051-253-100

Check Eng. (con't)

controls
instruments
cables
starting
procedures
air discharge service valve
switch lamp
lamp fuel
level
on position
stop "
stop cable
reset
air shutdown latch
idle control cable
to crank over engine
push all the way in
safety push button
continuously
cooling-off
a few tries
release
organizational maintenance
indication
pressure
is achieved
run (engine)
at idle
to compressor
psi
oil separator tank
air demand
partially
fuel pressure
fuel gage
engine oil pressure gage
lamp fuel level

receiver pressure
quick start
compressor unloaded
ammeter
engine water temp.
start push button
tachometer
hour meter
steps a through g
actuate
unlock
pull out
push in
typical
Savery Model
rotary air compressor
appropriate
amperes
RPM
instrument panel
oil level gage

Perform during operation maintenance
on the air compressor

Gen Eng	Basic Military	Tech Eng	appropriate
while with before performed given common tools all during checks must be taken use period operation water temperature oil air make unusual noises open after hours this any report, & stop would... if normal damaged using other freezing	operating corrective action uncorrective procedures technical manual additional correct, & report, & equipment noticed operation is continued instrument throughput minimum required by	during-operation air compressor checks & services IAW preventive maintenance chart deficiencies listed DA form applicable specific references monitor instruments gages operating range normal readings engine oil pressure psi rpm tachometer hourmeter idle fuel pressure chipster section paragraph drain cocks drain, & condensate prevent rust governor speed typical Laney Model intensity	

1705 625
 Perform after-operation maintenance on the air compressor 051-253-1003

Gen Eng

Basic Mil Eng

Sub Eng

given	side	perform	maintenance
parked	other	operator	after-operation
with	to start	manual	air compressor
engine	no: prot	supplies	run (engine)
operator	over	corrective	lubrication
common	operation	action	check & services
tools	machine	uncorrective	14W
supplies	may	listed	preventive
all	required	procedures	chart
after	five	Technical	concepts
must be	minutes	safety	DA Form 2408-1
performed		requirement	applicable
Taken		checklist	specific
fuel		the following	reference
oil		record, or	chapter
recorded		failure	section
stopped		result in	paragraph
ice		missing	air discharge service valves
close		two parts	limit (in engine)
allow		axial	unloaded (engine)
pull out		minimal	stop cable
curled		typical	large fuel-level switch
off			off position
which			figure
high			is fitted with
temperature			safety device
low			automatically
check			due to
fill			engine coolant
air			oil pressure
clean			table (chart)
damaged			three
always			fuel tank
when			level
completed			instrument panel
make sure			compressor loader

Check log (cont)

quick start
oil separator
as required
restriction indicators
air cleaner
controls
instruments
control cable
overall
visual
inspection
parts
lubricate
current
drain, &
recovery tank
correct
noted
deficiencies
TM 38-750
drain cap
is secure
exhaust pipe
hard to start
side panel
performance
measures
Dray model
cfm
psi
rotary air compressor
adjust
approximate

Perform Preventive Maintenance on the air

MCS 623

051-253-1004

Compressor Tools				
Gen Eng		Basic Mil Eng	Tech Eng	
given parked with engine performed common tools & complete all & below no/not available without have! must be purchased from use operator found in check in front of drops (leakage) oil paper properly around not not immediately filter or frequently make sure air dirt clean	stop would easily after water each make	note Army Technical manual procedures minimal requirement correct improper unusual noises proper the following inspect safety pull chart continue discontinue causes	preventive maintenance air compressor tools air compressor engine running common tools pneumatic operator's manual gearing breakers chain saw sump pump nail driver circular saw wood drill backfill tamper concrete vibrator rock drill outfit (tool) manufactures replacement checks & services IAW checklist lubricate chart current lubrication order gas, & tool or hand part thin film of oil accumulation foaming over-lubricated device airline oiler tool oil reservoir	air hose tool connection escaping (air) rubber preformed packing O-ring grommet as required inspect throttle control adjustment movement on/off position crotches links loose assembly bolts dirt & gum deficiency is noticed report, & specific references chapter para in addition spring-loaded Tool retainer attachments excessive wear continuous drill sharpen replace performance resources chain tension guide nut bar Turn

Tech Eng

screw
 clockwise
 increase
 counterclockwise
 decrease
 is tensioned
 sag
 the bottom of
 pull forward
 obtained
 tighten
 level
 fill
 as required
 automatic oiler
 insecure
 mounting
 secure (fasten)
 sprocket
 bumper spike
 mounting
 inlet air strainer
 scale, (dirt)
 rice
 foreign matter
 watertight
 pump
 submerged
 surface
 surging liquid
 drain, or
 flush
 silt
 safety cut retainer
 blade
 inverted
 prevent

accumulation
 wood shaving
 clog
 air motor
 useless
 wood-boring drill
 chuck
 auger bit
 bends
 failure of
 packing gland
 seal
 piston
 tamping butt
 vibrator head
 tight
 head (of machine)
 lose " "
 hand-held
 retainer catch
 drill rods
 drill bit fluted
 uniform size
 length

oil
 pump
 for
 use
 not
 used
 used
 not
 not
 not
 not

SET UP AND OPERATE AIR COMPRESSOR

MOS 62J
051-253-1005

BASIC MIL. ENG

TECH ENG

GEN ENG.

given
air
hearing
will be
size
selected
between
total
required
tools
checked
should
always
level
as possible
never
more than
from
located
work
feep
out of
job
amount
movement
start
used for
with
usually
inside
end
less than
without
must be
farther than
near
connected
closed
turn on
remove
water
either...or
in front of
is placed in
picks up
entering
after
seconds (time)
new
no/not
used
before
reach(get to)
oil
number
can be
rock
operated
depends on
could
would
added
when

below
damage
be done
listen to
observe
appears
there is
too much
too little
remains
turn on
piece of paper
drops(liquid)
around
be sure
cool
permit
wood
immediately
above
reason
keep
leave,v
faster than
only
clean
repairs
make
cannot
body(person)
point,v
other
wear
clothing
while
hands
legs
injury
result
good
condition
all
all all times
first
fall
weekly
cut
be worn
careful
eyes
bitting

operate
parked
performed
goggles
protectors
available
according to
performance measure
required to
exceed
safety
operator's manual
centrally
located
proper
supervisor
last
recommended
practice
increase
efficiently
system
standard
controlled by
in the direction of
inspected
personnel
gloves
equipment
protective
blowing
tight
repairs
give attention to
thoroughly
wear

serious
walkway
step
avoid

set up
air compressor
parked
maintenance
services
performed
pneumatic tool set
lubricants
hearing protectors
positioned
securely
leveled
degrees
vertical
upwind
appropriate
hose
initial (beginning)
pressure
psi
volume
rated capacity
oilers
installed
close contact
reposition
IAN
specific
reference
chapter
section
paragraph
tilted
level plane
foreign matter (material)
air intake
job site
minimize
block,v
wheels
engage
handbreak
air line hose
table 1
recommended
rubber-covered
pressure-type
transmitting
inch
diameter
hand-operated
crawler-mounted drill
furnished
50-foot lengths
quick-disconnect couplings
attached
metal pipe
connects
conveys
hose lining
resists
flow of air
tool end
compressor end

TECH ENG.(con't)

friction
increased
decreases
maximum
hand-held tool
to determine if
calculating
accomplished
situation
stable
semistable
advisable
design
metal manifold system
consists of
insure
air discharge service valves
attach
blow out
rust
scale(dirt)
directional
reservoir
pint
quart
capacity
directly
for the purpose of
lubricating
passes through
adjustable needle
occur
directional
nondirectional types
arrow
breaker, paving
chuck(clay digger)
moil point
pick spade
drum opening
loosen
cu yd
tough
clay
chisel
nail driver
rivet buster
harrow
sledge
saw, circular
woodworking
portable
blade
abrasive disks
out
timber
chain
hardwood log
reciprocating
limited to
light work
efficiency
drill
woodboring

reversible
w/chuck
drill shank
ship augers range
pump, sump
discharge
gpa
tamper backfill vibrator
concrete
grinder
rotary
thick
arbor hole
wheel
bench mount
compacted
depth
variable
estimated
welded bead
steel plate
steel
nonreversible
taper chuck
hollow steel drill rods
oiler hose (leader)
pro-oil
grade of oil
continuous
film of oil
internal
wall of the hose
entire length
motor
oil-resistant
neoprene rubber hose
hose sections
additional
pneumatic tool
pressure has built
automatically
warm-up
supply of
caution
overload
shorten
life span
cfm
excessive wear
reduced
percent
as shown
specific
allowed to
drop(fill)
considerable
damage
leaks
connections
sluggishly
surging
detected
erratic operation
page
the unit(machine)

corrected
exhaust port
drops of oil
foaming
slight
mist
procedures
free from
flammable
gasses
vapors
in contact with
shut down
stage
rises above
inoperative
except when
valid reason
kink a hose
clamps
tight
safety valve
regulators
control
unloading
governing services
run(machine)
speed
apply
high flashpoints
air cylinders
tanks
piping
guard against
oil vapor explosion
air filter
periodically
soapy
nontoxic
nonflammable
solution
benzene
highly explosive mixture
compression
accidentally
completely
relieved
receivers
warning
capable
putting out eyes
bursting eardrums
skin blisters
dust
respirators
assure
obstruction
secured
whipping
pressurized
suitable
withstand
defective
lay

TECH ENG.

ladders
steps
creating
tripping hazard
doorways
protect
door edge
firm grip on
good footing
proper balance
lay down
harm
switch
is tripped
standing position
throttle
out of control
give attention to
guide clips
chucks of reamers
performance
measure
typical
Davey Model
rotary air compressor

Perform after-operation maintenance
on the steel-wheel roller

MOS - 625

051-253-1007

Eng Log

with
must be
oil
stopped
used
before
check
add
as necessary
water
temperature
below
freezing
make
lock
make
again

Basic Mtl

supplied
procedures
minimum
record, &
perform
stop

Tech Log

after-operation
maintenance
steel-wheel roller
parked
engine
running
clutch
disengaged
parking brake
engaged
operator's manual
lubrication order
common tools
checks & corrected
corrective action
IAW
preventive
charts
consumption
recorded
OAT form
uncorrected
deficiencies
stopping
applicable
specific experience
Manufacturer's Service Manual
thru
att.
direction - Throttle back
NEUTRAL
position
park brake control lever
BRAKE position
ignition key

Perform during-operation maintenance
on the steel-wheeled roller

MOS 625
051-253-1007

Gen Eng

while
with
all
during
must be
use
correct
normal
as follows
oil
temperature
given
make
check
required
report, or
stop
noticed
would
damage
continued
unusual

Basic Mtl

operating
corrective action
procedures
additional
throughout
period
taken
perform
manual
more

Task Eng

during-operation
maintenance
steel-wheeled roller
serviced
common tools
checks & services
I & W
preventive
operator's manual
uncorrected
deficiencies
listed
D4 Form 2404
applicable
technical manual
specific references
Manufacturer's Service
Manual
monitor
instrument
gauge
operating range
readings
pressure
psi
green band range
from limits
transmission
operation
equipment
damage

Compact material with the
two-axle, steel-wheeled roller

MCS 625

051-255-1:09

Gen Eng

Basic Mtl

Test Eng

with
complete
below
clean
all
dirt
from
prepare
closest to
first
start
after
for example
two
when
stopping
sudden
change
no/not
same
spot
each
time
if possible
~~turn~~ turn
the end of
must be
made
~~while~~
slow
leave
weight
allow
oil
grease
using

performance
measured
wide
road
parking lot
area
airfield
directions (ways)
speed
change
directions
maneuvers
off
driving
prevents
edge of
center
pavement
engine
performed
test
proper
turn on
lower
higher
permits
particularly
toward
the rear
turn

backward
compact
asphalt
two-axle
steel-wheeled
roller
parked
running
maintenance
services
paving
operation
specific
references
Manufacturer's
service manual
foreign material
rolls
eco mats
scrappers
sprinkler
system
off position, v
drive wheels
paver
pattern
parallel
centerline
banked
curves
to overlap
the passes
drive roll
diagonally
pliable
finish material

WOS 625
651-253-1008

2nd Eng (cont)

*off position
units (machines)
diesel engine
pull --- out
engine stop
hold*

in this position

note

fuel

stop

EMERGENCY STOP

reset

control

paragraph

Hyster service manual

troubleshoot

system

determine

malfunction

operating

position, or

vandalism shield

instrument panel

is left

unattended

lock

checklist

fuel tank level

fill

completely

drain, or

water tank

overall

visual inspection

worn, damaged,

missing parts

current

lubricate

TK 38-750

Hyster

adjust

performance measures

Sk. 1001

11 625

051-253-1011

Perform before-operation maintenance on the pneumatic-tired roller

Gen Eng		Basic Mtl.	Tech Eng
before	wait	perform	before-operation
common	minuted	parked	maintenance
all	cool, r	corrective	pneumatic-tired roller
must be	third	action	operator's manual
started	open	listed	lubrication order
engine	with	preventive	checks & services
use	included	operator	JAW
will be	two	requirements	chart
fill, r	number	procedures	uncorrected
below	four	inspection	deficiencies
check	taken	missing	DA Form 2404
parts	difficult	worn	roller
above		damaged	engine
freezing		spun	procedures
weather		fire extinguisher	applicable
sun (sun)		contamination	technical manual
one		note	minimal
how		report, r	specific reference
after		fully	manufacturer's Operator's
add, r		due to	& Service Manual
water		fail	Table
for, r		allowing	section
broken		located	There
fuel		supplies	overall
as necessary		instructions	visual inspection
for		the following	cooling system
clean		minimum	filter rack
oil		fill, r	batteries
correct		correct	electrical
turn		attempt	tighten
position			connection
do not			seal
more than			filter screen
seconds (Time)			level
on/off			TM 38-750

MOS-625
051-253-1009

Deck Eng (cont)

reversing
travel
avoid
forward
digging in
guide roll
direction - throttle bail
adjust
steering wheel
standing
settling pavement
surfaces
depressions
be formed in
due to
to drop (liquid)
affects
asphaltic material
retarding
preventing
an meter
engine oil pressure
diesel engine hand throttle
water spray switch
ignition
transmission oil
hour meter
fuel gauge
radiation shield
emergency stop
parking brake
front spray shut off
compartment

PERFORM BEFORE-OPERATION MAINTENANCE ON THE
STEEL-WHEELED ROLLER

MCS 62J
051-253-1006

GEN ENG.

given
all
common
tools
must be
started
will be
performed
cooling/cool
fill
missing
damaged
below
each
freezing
weather
minimum
hour
after
add
water
check
as necessary
clean
about
from
daily
remove
dirt
located
bottom
purpose
correct
engine
oil
no/not
operate
over
temperature
more than
seconds(time)
minutes
repeat
different
caution

BASIC MTL. ENG.

operator's manual
corrective action
taken
preventive
listed
procedures
the following
fire extinguisher
contamination
place,v
note
allow
supplies

*engine
up*

TECH ENG.

before-operation
maintenance
steel-wheeled roller
parked
lubrication order
checks and services
IAW
chart
uncorrected
deficiencies
DA Form 2404
specific
references
manufacturer's service manual
roller
overall
visual inspection
worn parts
system
coblant
level
inch
filler neck
batteries
electrolyte
tightness
connections
split ring
battery cell
run(engine)
broken seal
fuel system
screen
drain,v
pint
filter bowl
accumulations
drain cock
strainer
replaced
time interval
Hyster service manual
correct
report,v
set
park brake
control lever
BRAKE position
direction-throttle bail
NEUTRAL
detent position
hand throttle
pull out
slightly
rpm
setting
turn
ignition key
clockwise
engage
starter
transmission
half throttle
starter switch
fails

to fit

*adjust
fully
engine
starting
procedures.*

Index

specific
 references
 chap.
 paragraph
 sit
 parking brake
 place, v
 governor-direction control
 NEUTRAL position
 LOW IDLE position
 ignition key
 ignition switch
 clockwise
 NEUTRAL START safety switch
 unit (of engine)
 unless
 crank
 insure
 emergency stop control lever
 manually
 next
 figure (picture)
~~not~~ push downward
 push against
 cam-pin handle
 air inlet housing
 shut-off valve
 instrument panel
 performance measures
 injected
 fit
 equipment
 slightly
 transmission
 ammeter
 steering wheel
 engine hours

transmission range lever
 headlights
 optional
 unit identification data

Perform during-operation maintenance on the pneumatic-tired roller

GEN ENG.

while
with
given
all
taken
must be
use
correct
as follows
green
engine
water
temperature
make
any
unusual
noise
stop
noticed
would
damage
is continued

BASIC MIL...ENG.

operating
common tools
performed
corrective
actions
listed
procedures
period
operation
instruments
normal
oil
pressure
checks
additional
required by
report
equipment

TECH ENG.

maintenance
pneumatic-tired
roller
during-operation
before-operation
services(mechanic)
checks
IAW
chart
operator's manual
uncorrected
deficiencies
DA Form 2404
applicable
technical manual
specific
reference
manufacturer's
Operator's &
Service Manual
section
table
readings(instrument)
psi
transmission
range (operating)
anometer
noted
TM 38-750
Governor-directional levers
steering wheel
parking brake hand lever
starter switch
engine hours
headlights
optional
emergency engine shut-off
fuel gage
water spray switch
unit identification data
~~11111111~~
controls
indicators

Perform after-operation maintenance on the pneumatic-tired roller

GEN ENG.	BASIC MIL. ENG.	TECH ENG.
given	parked	after-operation
with	corrective	maintenance
engine	action	pneumatic-tired
running	procedures	roller
all	recorded	gear selector
must be	listed	neutral position
performed	shut off	lubrication order
taken	pulling out	supplies
fuel	knob	checks and services
oil	minimal	IAN
recorded	requirement	preventive
stopped	checklist	charts
use		consumption
bring		DA Form 4208-1
slowly		uncorrected
moving		deficiencies
knob		applicable
allow		technical manual
minutes		stopping procedures
pulling out		unit(of machine)
located		governor-direction
check		control knob
add		low idle
as necessart		apply
fill		parking brake
water		idle
temperature		engine shutoff knob
below		fails
freezing		emergency engine stop
completely		instrument panel
correct		specific reference
		Manufacturer;s Operator;s
		service manual
		table
		section
		figure
		noted
		controls
		indicators
		transmission
		ammeter
		oil pressure
		starter switch
		headlights
		optional
		engine hours
		transmission range lever
		fuel gauge
		drain
		water spray switch
		current
		level
		as required

Compact material with the pneumatic-tired roller

GEN. ENG.

BASIC MIL. ENG.

TECH. ENG.

given
with
engine
running
complete
all
below
perpare
clean
dirt
from
wheels
must be
down
test
direction
pushing
wrong
weight
in front
right
closest
turn on
start
sides
center
when
curves
edge
stopping
sudden
changes
speed
same
spot
leave
do not
will be
new

operation
proper
perform
if possible
due to
allow
oil
grease
end of

compact
material
pneumatic-tired
roller
maintenance
services
asphalt
paving operation
in progress
performance measures
outlined
specific
reference
foreign material
coco mats
scrapers
position, v
DOW? position
figure
paragraph
section
sprinkler system
rolling
pushing force
note
displaced material
tiller wheel
turning force
ucking action
drive wheel
paver
banked curves
lower
higher edge
overlap
the passes
approximately
reversing
directions of travel
shoved
out of place
pliable
finish
maneuver's
strip
standing on
setting surfaces
depressions
formed in
pavement
drop oil
retarding
setting(asphalt)
affects

Perform before-operation maintenance on
the self-propelled vibratory roller

WOS 62 J
051-253-1

Gen Eng

given
all
before
must be
performed
taken
engine
started
use
damaged
parts
oil
fill
check
cooling
inches
below
above
freezing
weather
run
one
hour
after
adding
water
fuel
necessary
clean

Basic Mtl

perform
operator's manual
maintenance
instructions
listed
procedures
minimum
requirement
worn
missing
parts
proper
level
fire extinguisher
correct, or
noted
deficiencies
report, v.
common
Tools
operating
supplies
the following

Tech Eng

Before-operation
maintenance
self-propelled vibratory roller
lubrication order
checks + services
corrective action
IAW
uncorrected
deficiencies
on Form 2404
roller engine
starting procedures
applicable
specific references
Manufacturer's Op. Manual + Parts Mfr.
overall
visual inspection
coolant
filler neck
batteries
electrolyte level
tighten / tightness
connections
plates
air filter
power steering
fluid
brakes
hydrostatic drive
oil level sight gauge
reservoir
inverter frequency control lever
starter button
forward-reverse + roller speed
control

Perform before-operation maintenance on
the self-propelled vibratory roller

<u>Gen Eng</u>	<u>Basic Mil Eng</u>	<u>Deck Eng</u>
before given all must be performed operator ~~take~~ interaction instructions started use check oil engine inches below freezing weather how add water fuel necessary clean run (engine)	manual. corrective action listed procedures perform requirement minimum maintenance supplied the following fill as required correct noted performed	before-operation maintenance self-propelled vibratory roller lubrication order common tools checks & services I & W unconnected deficiencies D & Form 2804 applicable specific references Manufacturer's operator, maintenance & parts manual oil level proper coolant filler neck batteries electrolyte tighten/loosen/tighten connections plate power steering fluid level below breather hydraulic line oil level sight gauge recorder vibrator frequency control lever parking brake starter button
	<u>Deck Eng</u> forward-reverse & roller speed control ignition switch operator's compartment fire extinguisher broken seal	

Perform during-operation maintenance on the self-propelled vibratory roller

1125 625

651-253-101

<u>Gen Eng</u>	<u>Basic Mil Eng</u>	<u>Tech Eng</u>
while performed given must be taken instructions use correct engine temperature no/not given make checks unnecessary no/no any additional stop would damage	operating manual corrective action procedures perform maintenance supplies as follows oil checks (examine) required by correct notes report, or equipment deficiency is noticed is continued minimum listed throughout	during-operation maintenance self-propelled vibratory roller services (mechanic) common tools checks & services IAW uncorrected deficiencies DT Form 2104 performance measure applicable procedures period of operation specific reference manufacturer's operation maintenance & P&I manual monitor instruments gages operating range normal readings pressure psi rpm exceed degrees ° hydraulic ammeter technical manual deficiencies chapter paragraph

Tech Eng (cont)

TM 38-750

equipment
operation (equipment)

hydraulic
ammeter
technical manual
deficiencies
chapter
paragraph

Perform after-operation maintenance on the self-propelled vibratory roller 651-253-1017

Gen Eng

after
given
with
engine
running
operator
oil
must be
performed
before action
instructions
fuel
oil
~~run~~ stopped
use
more
minutes
shut off
marked
turn off
air
do not
add
necessary

Basic Mil Eng

perform
manual
supplies
operating
corrective action
recorded
listed
procedures
chart
apply
allow
pulling out
emergency
maintenance

Technical Eng

after-operation
maintenance
self-propelled
vibratory roller
gear selector
neutral position
parking brake
engaged
lubrication order
common tools
checks & services
IAW
preventive
maintenance
consumption
Dt Form 2408-1
unselected
deficiencies
applicable
specific references
Manufacturers Operator
Maintenance & Fuel Manual
forward-reverse lever
idle (engine)
T-handle
PULL TO STOP
cutoff
fuel supply
ignition key
de-energized
circuit
starter
EMERGENCY STOP
normal cutoff
lubrication

Compact material with the self propelled
vibratory roller

MOS-627
051-253-1218

<u>Gen Eng</u>		<u>Basic Mil Eng</u>	<u>Tech Eng</u>
with	inch	military	compact
given	help	standard	material
road	feet (measure)	two-lane road	self-propelled
complete		operation	vibratory roller
all		increase	parked
below		~~min~~	running (engine)
prepare		in/out	services
put		lower	lift
engine		higher	loose
may have		error	aggregate
to be		spot	spread
make		maintenance	roller
first		performed	operation
improve		until	specific reference
move		edge	manufacturer's Operation,
from			maintenance & Parts Manual
keep			paragraph
has started			gear range transmission
left			compaction gear range
side			forward-reverse
down			speed control
up			NEUTRAL
right			position
test			shift
starting			jockeyed
stopping			slightly
sudden			snap
changes			set
speed			engine throttle
will be			open
direction			rolling operation
same			pass, or
each			forward
time			footing
running			drive wheels
(engine)			chapter

the

Tech Eng

section
paragraph
thru
mph
is obtained
engage
vibratory control
vibrator frequency
starter button
ignition switch
travel to the right
center, or
levers
detent position
screw
handle
adjust
determine
set frequency
trial & error
banked curves
overlap
approximately
reversing
directions of travel
avoid
showed
out of place

Perform before-operation maintenance
on The self-propelled tamping foot roller

<u>Gen Eng</u>	<u>Basic Mech Eng</u>	<u>Tech Eng</u>
before given all must be performed ~~take~~ action started use make check inch below re/not fill fuel oil air clean correct, or after waited seconds (Time)	perform supplies operator's manual engine parked common tool procedures the following completely because fuel tank fire extinguisher as necessary as required correct, or noted report, or release connected to glace, or position turn over key caution	before-operation maintenance self-propelled tamping foot roller lubrication order checks & services corrective action IAW preventive maintenance uncorrected deficiency roller engine applicable Technical manual Chart minimal requirement specific references manufacturers operation manual overall visual inspection warn damaged missing parts radiators level within bottom fill pipe coolant expand fill

Jack List

fuel tank	cabin socket
level	starter switch
hydraulic tank	transmission control lever
air cleaner	forward
indicator	neutral
filter	reverse
brake	Parking brake lever
seal	apply
replace	release
starting procedures	blade control
handbrake	float
fuel solenoid shutoff	down
Turn over (engine)	hold
gear level	raise
Neutral position	Speed range lever
disengaged	
throttle pedal	
crank	
continuously gauge	
oil pressure gauge	
indicated	
within	
determine	
cause	
shut off	
safety & operating plate	
light switch	
warning light	
transmission oil temp. gauge	
converter oil pressure gauge	
engine oil pressure gauge	
ammeter	
fuses	
engine water temp. gauge	
panel light	
barometer	
Tachometer	

Perform during-operation maintenance on the
self-propelled tamping foot roller

Gen Eng		Basic Mtl	Tech Eng
while with before operating given all during must be use correct, adj engine water Temperature oil pressure no/not between zero running (engine) should will red light turn on key after starting until make check unusual noises stop	would	perform operating preventive chart manual listed Throughout period instruments normal as follows pressure minimum maximum position lever fully positive negative occur warning remain on additional correct, or required by report, v. equipment deficiency reporter damage is continued	during-operation maintenance self-propelled tamping foot roller checks + services common tools IAW corrective action uncorrected deficiencies OS Form 2404 applicable procedures technical manual specific references Manufacturer's Operation Manual monitor gauges operating range readings idle psi rpm converter "out" transmission oil " gear shift lever NEUTRAL position exceed load governed speed ammeter charged batteries

MOS 62J
051-253-1020

Tech Eng

register
is activated
ACCESSORY
throttle
depressed
TM 35-750

Perform after-operation maintenance on the
self-propelled tamping foot roller

MOS 62 J
051-253-1021

<u>Gen Eng</u>		<u>Basic Mil Eng</u>	<u>Tech Eng</u>
given with engine running all must be taken fuel oil stop use important minutes before water heat after from carry away off on often temperature turn will clean wheels remove any weather freezing may when move	check fill air red cold freezing dirt no/not properly make leaks damages showing different after common tools supplies operating down allows off put snow extreme	perform operation maintenance parked position corrective action preventive manual chart deficiencies procedures listed the cause of damage reduce extreme switch lever minimal requirement following avoid mud tank level record, r as required inspection correct, r. links adjusted equipment operator ~~links~~ links	after-operation self-propelled tamping foot roller gear selector neutral parking brake engaged lubrication order checks & services IAW consumption recorded uncorrected. stopping procedures applicable technical manual specific references manufacturer's Operation Manual idle (engine) shut down lubricating components residual blade lower, r gear lever set debris digger cylinder rod built up material harden cleaner teeth fuel tank DA Form 2408-1 TA 38-750 coolant

Mos 62 J
051-253-1021

Jack Eng

air cleaner restriction indicator

Transmission

Hydraulic

visual inspection

currents

performance measures

to fit

slightly

Compact material with the self propelled tamping foot roller

MOS- 62J
051- 253-1022

Gen Eng

rich
given
road
complete
all
below
raise
up
forward
first
speed
when
start at
low
side
work
high / highest
should be
safe
must be
above
use
engine
riches
number
made
very
greatest
increases
five
one
good
sufficient
light switch

water
temperature
starter switch

Basic Mil

parked
maintenance
services
performed
military
standard
position
place (put)
desired
area
maintain, or
proper
obtain
minimum
soil
field conditions
normally
indication
pulling back
note
within
warning light

Tech Eng

compact
material
self-propelled tamping
foot roller
two-lane road
graded clay sub-base
outline
dozer blade
Traveling position
blade control lever
figure
specific reference
Manufacturer's Operation
Manual
rolling
crowned areas
tier up
displace material
T.M.S-331A
chapter
section
Transmission gear
passes
overlapped
covered
depth of lift
in density
over
and "walks out"
Safety & Operating Plate
Transmission oil temp gauge
brake pedal
parking brake release
apply / release
steering wheel
converter oil pressure gauge

0

MOS 62 J

351-253-1022

Tech Eng

panel light
hourmeter
tachometer
cabin socket
Throttle pedal
transmission control lever
forward
neutral
reverse
blade control
float
down
hold
raise
speed range lever
accelerator compartment
ammeter
fuses
engine oil pressure gauge

Perform before-operation maintenance
on the rotary sweeper

MOD 625

051-253-1023

Gen Eng

Basic Op'l Eng

given	moves	perform	personnel
common	exactly	maintenance	against
tools	full of	parked	noticed
all	be sure	operator's manual	is evident
must be	before	operating	continue
performed	engine	supplies	indicate
taken	all that	checks & services	maximum
started	any	corrective action	direction
use	could	deficiencies	prevents
add	cause	listed	anyway
check	down	minimum	attempt
tired	pull up	check list	for extra work
damaged	when	requirement	~~noticed~~
parts	keep	worn	so briskly
pressure	thrust	missing	
repair	some	damaged	
replace	side	parts	
wheels	fingers	inspect	
fuel	never	proper	
as necessary	after	operation	
clean	push in	secure	
oil	gradually	as required	
change	run	correct &	
dirt	smoothly	noted	
remove	temperature	of handles	
from	about	center	
center	five	position	
lock	minutes	lever	
unlock	other	loose	
turning	time	similar	
pull out	one	objects	
inch		serious	
open		equipment	
until		badly	
hand		injury	

Task List

before operation	hydraulic cylinder
maintenance	motor
rotary sweeper	hoses
lubrication order	brush
corrective action	bearings
7.4W	excessive wear
preventive	defective
checks & services	chain
chart	sprockets
uncorrected	& broken seal
DA Form 2404	hydraulic pump
sweeper engine	fuel pump
starting procedure	carburetor
procedures	strainers
specific reference	oil filler
chapter	level gage
section	air screen
paragraph	obstruction
overall	correct, or
visual inspection	repair, or
lubrication	engine housing side panels
lubricants	overhaul
current	hydraulic control valve handles
tubes, wires	inspect
tubes	NEUTRAL position
inflate	parking brake handle
psi	counterclockwise
replace	pull out
mountings	throttle control
brakes	clockwise
adjust	lock in position
hydraulic fluid tank	shutoff valve
liquid	prime fuel system
level	hand primer level
leaks	fuel tank
inspect interior	fuel line
damage	priming

Test Log

Turn over (engine)
revolution
carburetor float chamber.
choke control
brush motor guard
lyng, v
engage
handcrank
crankshaft
too pull up
kick back (engine)
~~attempt~~ to spin
crank
warmed
performance measures
not

Perform during-operation maintenance on
the rotary sweeper

MOS-628
051-253-1024

Gen Eng

Basic Med

Truck Eng

while
with
given
all
during
must be
performed
Taken
use
period
operation
make
check
unusual
noises
stop
damage
from
engine
contains
which is
may
cause
death
no/not
closed
outside
touch
bare
hands
hot

operating
services
performed
common
tools
corrective action
preventive
operator's manual
procedures
controls
proper
correct, or
noted
deficiencies
equipment
is noticed
is continued
report, or
warning
gas
chart
listed

during-operation
maintenance
rotary sweeper
check & service
I AW
uncorrected
deficiencies
DT Form 2404
applicable
procedures
technical manual
throughout
specific references
chapter
section
monitor
instruments
TM 38-750
exhaust
carbon monoxide gas
poisonous
odorless
invisible
confined
space
is piped
muffler
cylinder cooling fins

*Perform after-operation maintenance
on the rotary sweeper*

MOS- 62 J
051-253-1025

GEN ENG
after
given
with
engine
running
stopped
all
must be
performed
taken
fuel
fill
use
bring
vehicle
pull
left
right
up
raises
from
rear
down
lock
unlock
turning
push in
until
allow
five
minutes
close
daily
add
as necessary

BASIC MILITARY
perform
maintenance
parked
operator's
manual
common tools
supplies
operating
preventive
chart
recorded
deficiencies
listed
towing
position
maximum
approximately
checklist
minimal
requirement
the following
tank(fuel)
fluid
report,v
correct,v
noted

TECH ENG.
after-operation
maintenance
rotary sweeper
broom rotation
lubrication order
parking brake
engaged
checks and services
corrective action
chart
consumption
DA Form 2408
uncorrected
deficiencies
IAW
stopping procedures
applicable
specific
reference
chapter
section
paragraph
hydraulic control handle
NEUTRAL
position
brush rotation
brush assembly
sweeping surface
throttle control
counterclockwise
idles
clockwise
ignition
switch
magneto ground switch
fuel shutoff valve
preventive
hydraulic fluid tank
record,v
lubricate
correct,v
note
performance measures
typical
Nars Industries Model MF38-67

PERFORM SWEEPING OPERATIONS WITH THE
ROTARY SWEEPER

MOS 62 J
051-253 -1026

GEN ENG.

given
with
two
road
vehicle
driver
complete
all
below
prepare
start
engine
pull up
never
operate
right
direction
always
left
remove
DOWN
seconds(time)
repeat
above
steps
until
both
correct, adj
can be
comparing
house
move
very
little
pressure
required
dirt
dust
more than

BASIC MILT. ENG

parked
maintenance
services
performed
listed
angle
adjust
release
travel
degrees
position
lower, v
inspect
attained
obtained
illustrated
broom
thoroughly
swept
free
the surface
warning
no/not
mph

TECH ENG.

sweeping
operations
rotary sweeper
two-lane road
towing
performance measures
angle lockpin
brush frame assembly
road travel mounting pin
slip
pin
washer
welded
suspension assembly
hydraulic control handle
sweeping surface
lower, v
brush
rotate
center position
pattern
uniform, adj.
swath
adjust
caster assembly plate
adjustment plate
casters
boom pressure
correct
bristles
designed
"flick"
lift
forward
parking brake
insure
debris
preparation
asphalt
laydown

PERFORM BEFORE OPERATION MAINTENANCE ON THE
ROTARY TILLER

GEN ENG.	BASIC MIL.ENG	TECH ENG
before	parked	before-operation
given	common	maintenance
all	tools	rotary tiller
must be	maintenance	operator's manual
performed	operating	lubrication order
taken	supplies	checks and services
engine	~~fill~~	correction
started	chart	action
use	listed	IAW
the following	checklist	preventive
missing	following	uncorrected
damaged	the level	deficiencies
worn	fill	starting procedures
parts	inspect	applicable
cooling	as required	technical manual
check	leaks	overall
fill	loose	visual inspection
as necessary	determine	missing
oil	condition	damaged
add	indicator	worn
correct,v	needs	parts
gasoline	replaced	dipstick
tires	serviceable	diesel engine
green	fire extinguisher	stripped threads
red	minimum	bends
yellow	correct,v	dents
no/not	place,v	filler cap(gasoline engine)
with	controls	breaks
dirt	leave	instrument panel gages
should be	adjusted	switches
other	requirement	hourmeter
observe		mounting
fuel		cracks
inch		improper
above		operation
clean		inflation
freezing		fluid
weather		leaks
run		report,v
engine		headlight
one		organizational
hour		taillights
add		floodlight
after		instrument lights
water		burned-out lamps
until		loose mounting
ready		shear bolts
turn		hydraulic lines
switch		fittings
ON		corrosion
press		tiller lift & steering
for more than		hydraulic filter
seconds(time)		the housing
fails		color gage indicator
minutes		clogged with
three		foreign matter
repeat		transmission hydraulic filter
operation		broken seal
different		lubrication
		rotary tiller mixer
		current
		filter screen
		contamination

PERFORM DURING-OPERATION MAINTENANCE ON
THE ROTARY TILLER

NOS 62 J
051-253-1028

GEN ENG.

while
with
given
all
during
must be
performed
taken
below
use
period
operating
correct,adj.
engine
oil
water
temp.
green
light
comes on
when
reaches
make
checks
unusual
noise
any
additional
stop
damage

BASIC MIL. ENG.

perform
maintenance
operation
common tools
corrective
action
listed
instruments
normal
as follows
technical
manual
report, v
correct, v
required by
is noticed
throughout
equipment
is continued

TECH ENG.

during-operation
maintenance
rotary tiller
operating
checks and services
IAW
performance
measures
outlined
applicable
specific
reference
TM 5-3695-39-14
chapter
section
para.
monitor
operating range
readings
psi
battery generator
green range
transmission oil temp. gage
transmission oil temp. light
noted
deficiencies
DA Form 2404
TM 38-750
correct

PERFORM DURING-OPERATION MAINTENANCE ON
THE ROTARY TILLER

MOS 62 J
051-253-1028

GEN ENG.

while
with
given
all
during
must be
performed
taken
below
use
period
operating
correct, adj.
engine
oil
water
temp.
green
light
comes on
when
reaches
make
checks
unusual
noise
any
additional
stop
damage

BASIC MIL. ENG.

perform
maintenance
operation
common tools
corrective
action
listed
instruments
normal
as follows
technical
manual
report, v
correct, v
required by
is noticed
throughout
equipment
is continued

TECH ENG.

during-operation
maintenance
rotary tiller
operating
checks and services
IAV
performance
measures
outlined
applicable
specific
reference
TM 5-3895-29-14
chapter
section
para.
monitor
operating range
readings
psi
battery generator
green range
transmission oil temp. gage
transmission oil temp. light
noted
deficiencies
DA Form 2404
TM 38-750
correct

PERFORM AFTER-OPERATION MAINTENANCE ON THE
ROTARY TILLER

MOS 02J
051-253-1029

GEN ENG.

after
given
with
engine
running
all
must be
performed
taken
fuel
oil
stopped
use
controls
return
put
ground
place, &
following
speed
vehicle
allow
cool
three
five
minutes
turn
OFF
no/not
may
cause
then
be necessary
move
check
both
add
fill
machine
missing
damaged
worn
parts
different

BASIC MIL. ENG.

parked
operator's
manual
common
tools
maintenance
operating
supplies
corrective
action
recorded
listed
illustrated
figure
caution
switch
*minimum
following
requirements
performed
equipment
machine*

Task Eng

*after-operation
maintenance
rotary tiller
gear selector
neutral
engaged
parking brake
lubrication order
checks & service
I & W
preventive
consumption
O & Form 2408-1
uncorrected
deficiencies
engine
stopping procedure
applicable
technical manual
controls
specific references
chap
see.
para.
diesel engine throttle
idle, &
lock position
lower, &
speed control
vehicle transmission
tiller clutch
pump engine clutch
ignition clutch
allow
prior to
shutdown
clutch lever
jam, &*

403-623
051-253-

Tech Eng

fuel tank
boil
overall
visual
inspection
missing
damaged
worn
part
lubricate
current
correct, or
noted
fit
rock, or
diesel engine
gasoline
slightly
adjust

Mix materials with a rotary tiller

MS-62 J
C51-253-1020

Gen Eng

with
given
complete
all
below
prepare
operation
connect
from
to one of
front
perform
start
engine
pull
lock
feet/foot
minute
necessary
may be
while
place, &
low
high
use
only
line
which
check
until
lock
closed
open
allow
reach
spread

Basic Mil

materials
parked
maintenance
services
performed
proper
operation
prevents
damage
safety
illustrated
depending on
conditions
soil
advance
approximately
pulling back on
depth
adjust
position
is obtained
tightly
forward
at
desired
result
controllable
loaded with
available
engine
superior

Tech Eng

mix / mixing
rotary tiller
6-inch lift
aggregate
road mix.
asphalt distributor
bituminous material
performance measures
outlined
operation
specific reference
chapter
section
paragraph
hook up
additive pump supply hose
safety chain
pivot hook
lock truck
tie down eye
bumper
connection
speedometer drive engage
thrust
lock, &
register, &
rate of
tilling
per
choke
ignition switch
starter button
figure 1.
tiller transmission
low / HIGH
Vehicle transmission

Trk Eng

engage
tiller clutch
diesel engine throttle control
rpm
tiller assembly
cut
rotor depth control caps
incure
hood board
mixing chamber
cutting depth
pump engine clutch
pumping . v
fluid
speed control
shutoff valve
winding fluid
designated
parking brake lever
pump engine throttle
rotor depth control bar
rotor depth control caps
hood depth control bar
hood depth control cap
tractor springs

Perform before-operation maintenance
on the water distributor

POS-62 J
051-253-1231

Gen Eng		
before	full	happens
given	damages	freezing
tools	make sure	below
oil	closed	place, or
must be	fill	ON
performed	should be	after
taken	wired	run
water	lights	allow
engine	forms	immediately
start	manuals	zero
use	proper	green
vehicle	speed	normal
general	between	yellow
check	slowly	left
visually	five	right
cal	minute	side
across	temp.	instrument
glass	reaches	supply
clean	listen	add
time	typical	dry, or
remove	noise	open
loss	during	different
air	continually	seconds (time)
unusual	operation	through
wear	danger	return
correct	as follows	
pressure	fuel	
brake	above	
under	inches	
any	re/ret	
oil	more than	
fuel	more	
large	wait	
amounts	red	
half	when	

Perform before-operation maintenance on
water distributor
Basic Mail Eng

1.05-62 B
031-253-1021

parked	procedures
maintenance	top of
operation	warm up
operator's	rise
manual	indicated
common	notify
tools	fire extinguisher
supplies	replace
performed	switch
chart	pull out
deficiencies	pull down
checklist	equipment
requirements	note
security	listed
lubricate	permit
as required	report, or
objects	periods
missing	observe
adjust	inspection
correct	maintain
indication	
contamination	
noticed	
up-to-date	
load, or	
personnel	
minimum	
obtained	
defective	
preparation	
continuously	
apply	
control	
all the way	
periods	

Perform before-operation maintenance
on the water distributor

Tech Eng

before-operation
maintenance
water distributor
checks & services
lubrication order
corrective action

IAW

preventive
uncorrected
deficiencies

DA Form 2404

starting procedures
performance measure
technical manual
truck carrier
specific reference
chap.

sec.

para.

table

visually

vehicle cab

body panel

bumpers

fenders

springs

shock absorbers

hood

mirror

windshield

wiper blades

running gear

locking

fastening

devices

penetrating

valve caps

gags, &

coolant

brake fluid

fuel filter

water separator

drain, &

impurities

fuel tanks

level

inspect

fuel strainer

filter neck

surge tank

hoses

clamps

radiator core

radiator frame

drain cocks

components

belts

lines

covers

connections

linkage

apparent

damage

alternator

starter

mounting

essentials

cables

batteries

battery box

Tech Eng (cont)

p. 2 Tech
Mos 625
051-253-10

holddown frames	depress
battery cases	release
distilled water	clutch pedal
light boxes	defective
publication	clutch release bearing
logbook entries	steering
up-to-date	free play
horn	binding
tactical situation	wander
idle	skimmy
rpm	system
readings	power steering reservoir
accelerate	sight glass
engaging	brakes
the load	" pedal
danger	braking effect
monitor	fuel
instruments	side pull
gages	chatter
operating range	air-hydraulic operation
normal	hand brake
readings	secure
battery generator	applied
range	adjustment
tachometer	transmission
coolant	action
pci	selector lever
clutch	shifting
free travel	shift pattern
drag	transfer
chatter	vibration
grab	stiffness
clippage	timeliness
clacking	clipping of gear
gears	correct, or
transmission selector lever	noted
"N" neutral position	deficiencies

Tech Eng

p3, Tech Eng
MOS - 62 J
051-253-1071

TM 38-750

water distributor carrier

pulling up

Emergency Engine Stop control

in control is in all the way

air cleaner filter indicator

hand (of indicator)

is locked

air filter element

is restricted

organizational maintenance personnel

refer to

battery switch lever

ON position

clutch pedal

accelerator pedal

ignition switch

START

automatically

RUN

tachograph

warm up

load throttle control

unlock

push in

drop down (speed)

set

idle

register, v

psi

air pressure warning buzzer

reading

compressed air system

build up

low battery voltage

high alternator output

abnormal

water distributor unit

overall

general

water tank

" pump

spray bar assembly

bituminer "

worn

missing

damaged

parts

oil cable

FULL

mark

cap

cup

water pump strainer

recommended

colvert

broken seal

line

lamps

water dist. pump engine

inlet

tyres

valves

pull out

magneto stop switch

pull down

cutoff switch

governor control

fil, v

slightly

Perform during-operation services
water distributor

MOS- 62 J
051- 253- 1082

<u>Gen Eng</u>		<u>Basic Mil</u>	<u>Dish Eng</u>
while	immediately	operating	during-operation
during	proper	service	water distributor
with	loss of	common	performed
water	damage	tools	operation
given	make	corrective	operator
all	any	action	uncorrected
must be	would	preventive	deficiencies
performed		maintenance	DA Form 2404
use		chart	applicable
taken		operator's	procedures
check for		manual	technical
unusual		listed	truck carrier
noises		period	specific reference
instruments		throughout	chap
correct		general	sec.
normal		as follows	para.
as follows		no/not	table
oil		indicate	thru
pressure		notify	monitor
green		personnel	instruments
fuel		minimum	gages
full		obtained	operating range
air		required by	instrument
as above		correct, or	readings
stop		noted	psi
engine		deficiencies	idle
should be		report, or	battery generator
checked		equipment	indicate
no/not		noticed	green range
more than		is continued	tachometer
place, or		fuel	coolant
where			organization
move			maintenance
vehicle			sketch
fuel			free travel

Q

Teach Eng (cont)

MOS - 625
OSI - 253-1032

drag
chatter
grab
slippage
clashing of gears
transmission selector lever
"N" neutral position
depress
release
defective
clutch release bearing
brake pedal
effect
side pull
air-hydraulic operation
clipping
shift pattern
vibration
stiffness
tendency
slip out of gear

Perform after-operation services on
water distributor

MOS- 62 J
051- 253- 1033

Gen Eng

after	hand	fails
given	allow	different
with	speed	half
engine	return to	full
running	place, or	clean
all	OFF	
must be	only	
performed	completely	
taken	at any time	
fuel	one	
oil	the following	
water	immediately	
stopped	sudden	
use	pressure	
no/not	pull out	
temperature	vehicle	
less than	door	
fast	glass	
until	damage	
at least	check	
warning	clean	
should	tires	
take care	loss	
when	air	
removing	unusual	
above	wear	
add	missing	
cooling	correct	
hot	under	
unless	fill	
over	should	
continue	make sure	
drops (temp)	closed	
below	wired	
necessary	turn	

Basic Mill Eng.

MOB. 62 J
051-253-1033

parked	equipment
operator's	supplies
manual	operating
common	worn
tools	missing
maintenance	parts
preventive	
corrective	
action	
recorded	
listed	
normal	
procedure	
shut down	
extreme	
the care should	
be taken	
lower, or	
allow	
speed	
controls	
position	
emergency	
the following	
conditions	
noisy	
minimum	
security	
adjusting	
as required	
level	
locks	
tight	
record, or	
forms (pages)	
position	

Truck Eng

after-operation
services
water distributor
gear selector
neutral
engaged
parking brake
lubrication order
checks & services
IAW
consumption
DA Form 2408-1
uncorrected
deficiencies
stripping procedures
applicable
carrier truck
coolant
is registered
idle
rpm
surge tank filler cap
normal procedure
release
accelerator pedal
hand throttle control
ignition switch lever
battery switch lever
rotating
depress
R- reverse
abnormal
excessive
vibration
restart
visually
cab

body paulin
bumpers
benders
springs
shock absorbers
hood
mirror
windshield
wiper blade
running gear
damage
security
locking
fastening
devices
lubricate
penetrating
objects
valve caps
gauge, &
brake fluid
leaks
contamination
level
inspect
drain, &
fuel strainer
filler neck
record, &
trace
clamps
radiator core
" frame
drain cock
components
belts
lines

Tech Eng

MOS- 62 J
051-253-1033

covers
connections
linkage
apparent
alternator
mounting condition
security
cables
publication
applied
pumps
governor control
magneto stop
pressure cutoff switch
by pass
inlet
valves
water tank
" pump
pump engine
spray bar assembly
fluid
current
fit, or
slightly

Pressure - fill the water distributor

<u>Gen Eng</u>	<u>Basic Mch</u>	<u>Tech. Eng</u>
given water with empty feet open three deep minutes 30 prepare close remove clean end flat inches bottom ~~close~~ open top when filling dry start engine run until full stop	tank maintenance services performed parked within body of water required mud sand store, v. disconnect attached minimum gallon note supply prevent	pressure - fill water distributor water tanks capacity pump unit inlet valve suction line dust cap strainer suction hose suction inlet foot valve pickup end suction hose submerge board (wood) flat stone suspend over off the bottom gravel bypass valve spray bar control valves manhole cover prime, v. pump glue install

Operate the truck in water distributor
spraying operations

MODS - 62 J
051-253-1035

<u>Gen Eng</u>	<u>Basic Mtl</u>	<u>Truck Eng</u>
given with engine running water performed have been all complete below prepare speed must be used correct sample feet when until operator always re/not make	parked gallon maintenance services is loaded with performed pressure assistance operate required speed produce width adjust signal sharp turns truck down wheel lift	water distributor spraying operation gear selector neutral parking brake applied spray bar width water pump water application rate specified spray unit performance measures spraying specific references frame. see. table chap. determine carrier truck water application chart (table) water pump pressure psi per minute index printer titrimeter lower, or titrimeter wheel assembly rings signal gong accelerate needle coincided tack up transport position

Perform spraying operations with the
water distributor

MS-625

051-253-1036

Gen. Cons.

Basic Mtl.

Tech. Cons.

with water truck operate complete all below prepare select length may varied using pump left right also have can be see when additional adding number of foot either or both ends speed bearing will be correct speed pressure example

must be after arriving at ~~the~~ driver open start engine until ring when is reached turn ON full only close begin straight as possible stop raise

perform operations loaded with gallons maintenance services operate truck controlled by obtained required area produce, or sq. yd. feet pressure inform direct, or ON full width swing avoid maintain obstructions provide

spraying water distributor water application rate specified operate performance measure area sprayed lower, or spray bar adjust ~~sprayer~~ width carrier truck spray bar segment independently separate valves primary extensions folded up lowered, or turned off turned on stored in tool box determined by application " rate water application chart water pump pressure sq. yd. psi per minute adjust index pointer odometer

Tech Eng (cont)

WOS-62 J
051-253-1036

required, adj
inlet
by pass valves
regulate, &
signal gong
direct
titimeter wheel assembly
accelerate
needle
coincides
index position
specific references
spray bar valve levers
segment
swing, &
spray bar pivot lever
obstructions.
transport position

APPENDIX 7

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

ADQUARTS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

ATD No

625-1

AUG 15 1980



187

11/1/13

ATDP FORM 109-1 Replaces ATDS 118-1, Feb 75.

ORIGINATOR: ARMY TRAINING AND DOCTRINE COMMAND

GROUP

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STUDIES

AD-A121 066

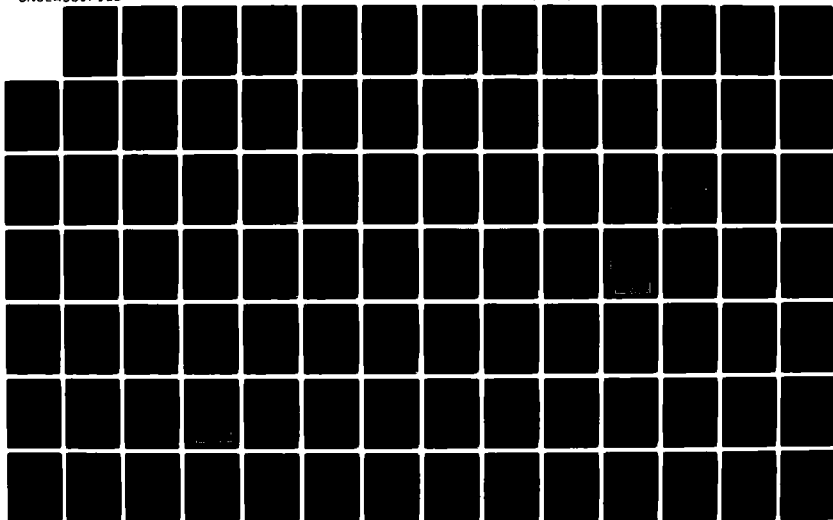
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-62J
GENERAL CONSTRUCTION EQ..(U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 28 SEP 79

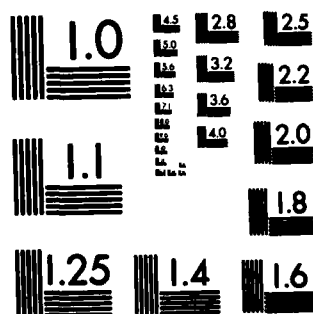
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UNCLASSIFIED

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NL





MICROCOPY RESOLUTION TEST CHART
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1	CAREFUL
2	CARIC
2	CARRIED
14	CARRIER
1	CARRY
1	CASE
2	CASES
1	CASER
1	CASERS
1	CATCH
1	CATCH
2	CATCHER
3	CATCHER
9	CAUSE
1	CAUSES
1	CAUSING
5	CAUTION
	CELEBRATE
1	CELL
2	CENTER
1	CENTERLINE
1	CENTRALLY
1	CENTRIFUGAL
2	CERTAIN
1	CESIVE
1	CHEMICAL
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2	CHEMISTS
2	CHEMICAL
4	CHEMICAL
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3	CHICKS
4	CHICK
2	CHICKEN
2	CHICK
1	CHICK
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4	CHICK
5	CHICK

8 CONNECTOR
CONFRONTING
CORRELATE
CORRELATE
CORRELATE

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124 WATER
125 PERFORMANCE
126 TEST
127 RECLIPED
128 KILL
129 SYSTEM
130 NUMBER
131 CISTERNATOR
132 SUPICAT
133 PART
134 PV
135 GASOLINE
136 FILL
137 LEVER
138 MANAGEMENT
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HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

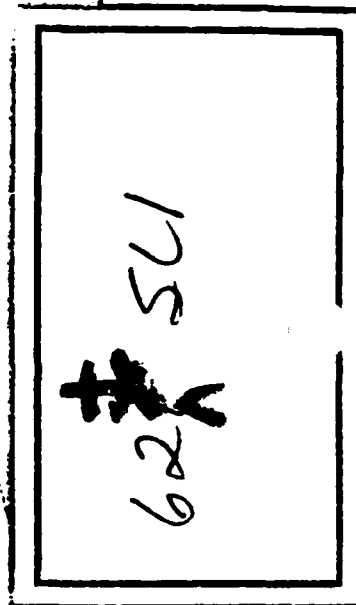
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ATDP Form 109 Replaces ATDP 116, Jul 72, which is obsolete

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CONFIDENTIAL DATA MANAGER

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ADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

198 / Proj No

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MOS 62J SKILL 2 Additions

11,000 RECORDS

DUPLICATE ITEMS

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1	INTERNAL
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2	LS-J
1	IT
9	ITEM
14	ITS
1	ITV
12	J
2	J14-3
1	J14-3-6032
2	J14-130
1	K
4	KOV
2	KW
1	KW-J
1	KALROSE
1	KSI
7	L
3	LA
11	LC
1	LSPECT
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2	LS4
3	LS5
3	LS6
2	LS7
2	TOP
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7 WATER
3 W/T PROOFING
3 DAY
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3 WFB

2 WEIGHT
11 VELOC

1 DISTINGUISH

5 WIRE
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HEADQUARTERS

DATA CONTROL NUMBER



101 100 / 100000 20

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 22051

JAN 6 1981



MOS- 600J

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PREPARED BY: OPERATIONS DIV, DPFO

COPY OF COPIES

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HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No. Proj No.

62 J-2

AUG 15 1940



260

MGS 670 500

UFGM FREQUENCY DISTRIBUTION 697 U. E ITEMS 49 RECORDS

1 1JG
65 PUGES
2 AUXILIARY
2 AUGEN

2 AVAILABLE
2 ACID
8 AV TO
8 BACK

77 BACKFILLING
1 VANCE
1 TALKING
1 SINK

6 NAT
3 BUSED
3 METEORITES
77 BATTERY
41

1 VANCE
1 VANCE
4 BETA

9 REFE
2 REFE-OPERATION
1 BEGIN
4 WING
4 WELCH

SEAF-TP
4 WEEN
2 BVCND
4 WTE
4 BUDY

31 BUCH
3 WRE
4 WELING
6 WOTH
2 WITHIN

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6 CONSUMPTION

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1	EFFICIENT
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2	ELIGIBLE
1	ELIG
1	FILL
3	FILL'D
2	FILLING
1	FILTER
1	FILTER
4	FIT
7	FOLLOW-UP
7	FOLLOWING
1	FOLLOWS
1	FOOT-OPERATED
1	FOOTPRINT
47	FOUR
2	FOUR
1	FOUR
42	FOUR
23	FOUR
2	FIVE
25	FUEL
6	FULL
6	FULLY
2	GAGE
6	GAGE
4	GASOLINE
24	GAUGE
1	GAUGE
1	GAUGE
5	GENERAL
1	GENERATOR--IN
1	GET
1	GIVE
9	GIVEN
4	GO
2	GOOD
9	GUIDE
1	HOLE
2	IF FULLY
1	IF FULLY
2	IMPROVING

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1	KEEPS	25	LEVEL
2	KEY	26	LEVELING
3	KEYS	27	LEVELS
4	KEYS	28	LEVELS
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6	KEYS	30	LEVELS
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2	2000	2000	2000	2000
3	3000	3000	3000	3000
4	4000	4000	4000	4000
5	5000	5000	5000	5000
6	6000	6000	6000	6000
7	7000	7000	7000	7000
8	8000	8000	8000	8000
9	9000	9000	9000	9000
10	10000	10000	10000	10000

1 QUICK-START
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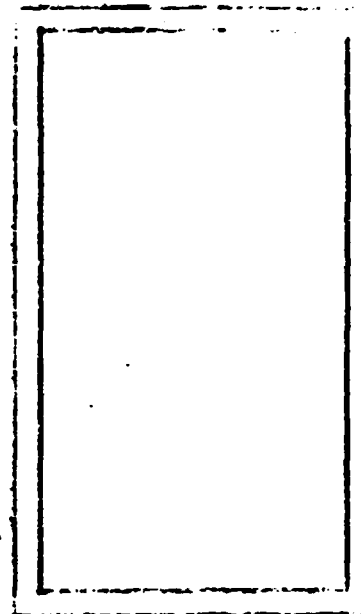
DATA CONTROL NUMBER

PROJECT

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23051

OCT 22 1980



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PREPARED BY: OPERATIONS DIV. DPFO

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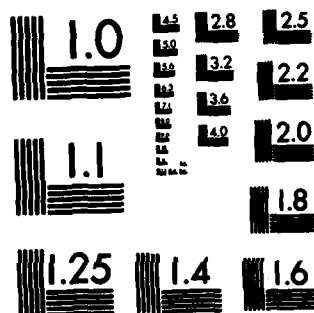
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HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No

SEP 16 1984



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MQS 62-27 - Skill
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HEADQUARTERS

DATA CONTROL NUMBER

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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



MOS- 62.5
Skill Level 2

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 107 November 1969 Replaces ATDP 110, Jul 75, which is obsolete

COPY _____ OF _____ COPIES

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APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.
(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

A. Declarative	statement
B. Interrogative	question
	1. wh- questions
	2. tag questions
	3. yes/no questions
C. Imperative	command, polite request
D. Exclamatory	exclamation

Sentence Complexity:

A. Simple	one full subject and predicate
B. Compound	two or more independent clauses joined by:
	1. punctuation
	2. punctuation and conjunctive adverb
	3. coordinate conjunction
C. Complex	one or more dependent clauses and an independent clause
D. Compound-Complex	two or more independent clauses and one or more dependent clauses

Verbs:

A. Concord	subject-verb agreement
B. Transitive	takes an object
C. Intransitive	doesn't take an object
D. Copula	to be
E. Linking	connectors
F. Auxiliaries of tense	will, do, did
G. Auxiliaries of modality	should, ought to, must to, have to, have got to, able to, can, may, might, could, would
H. Tense	present, past
I. Aspect	perfect, progressive

Verbal Forms:

A. Present Participle	active voice
B. Past Participle	passive voice

Voice:

A. Active	subject does action
B. Passive	subject does not do action
1. agent expressed	
2. agent not expressed	

Nouns:

A. Singular	man, pen
B. Plural	men, pens
C. Count	chairs
D. Mass	flour
E. Possessive	soldier's
F. Collective	fish

Adjectives:

A. Predicative	The tank is green.
B. Attributive	The green tank is moving.
C. Degrees of comparison	
1. regular	big, bigger
2. irregular	worse, worst
D. Ordinal/Cardinal Numbers	first, one

Adverbs:

A. Time/Frequency	immediately, today, ago
B. Place/Position	here, there, everywhere
C. Manner	maybe, possibly
D. Negative	no, never
E. Comparison of	nearest, harder
F. Degree	thoroughly, completely

Articles:

A. Definite	a, the
B. Indefinite	any, some

Pronouns:

A. Personal	you
B. Demonstrative	that
C. Indefinite	anybody, both, each
D. Reflexive	himself, yourself
E. Cases of	I, me, my, mine
F. Relative	who, whom, whose
G. Interrogative	who, which, what

Conjunctions:

A. Coordinating	and, but, or, nor
B. Subordinating	because, if, as, that, after
C. Correlative	either, or
D. Conjunctive adverb	therefore, furthermore

Prepositions:

A. Simple

1. place
2. time
3. direction/motion
4. manner/agent/
instrument
5. measurement/
number amount

on, in
in, at, on
to

by, with

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