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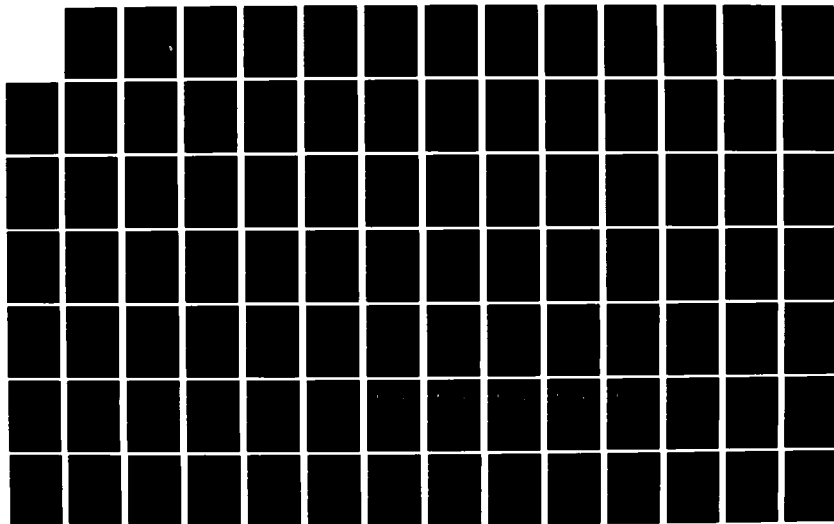
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 62B
CONSTRUCTION EQUIPMENT. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 13 MAR 78

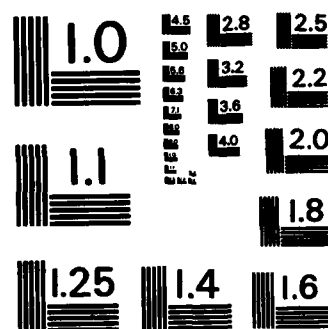
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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 62B
MOS
CONSTRUCTION EQUIPMENT REPAIRER

REFERENCE SOLDIER'S MANUAL DATED

13 March 1978

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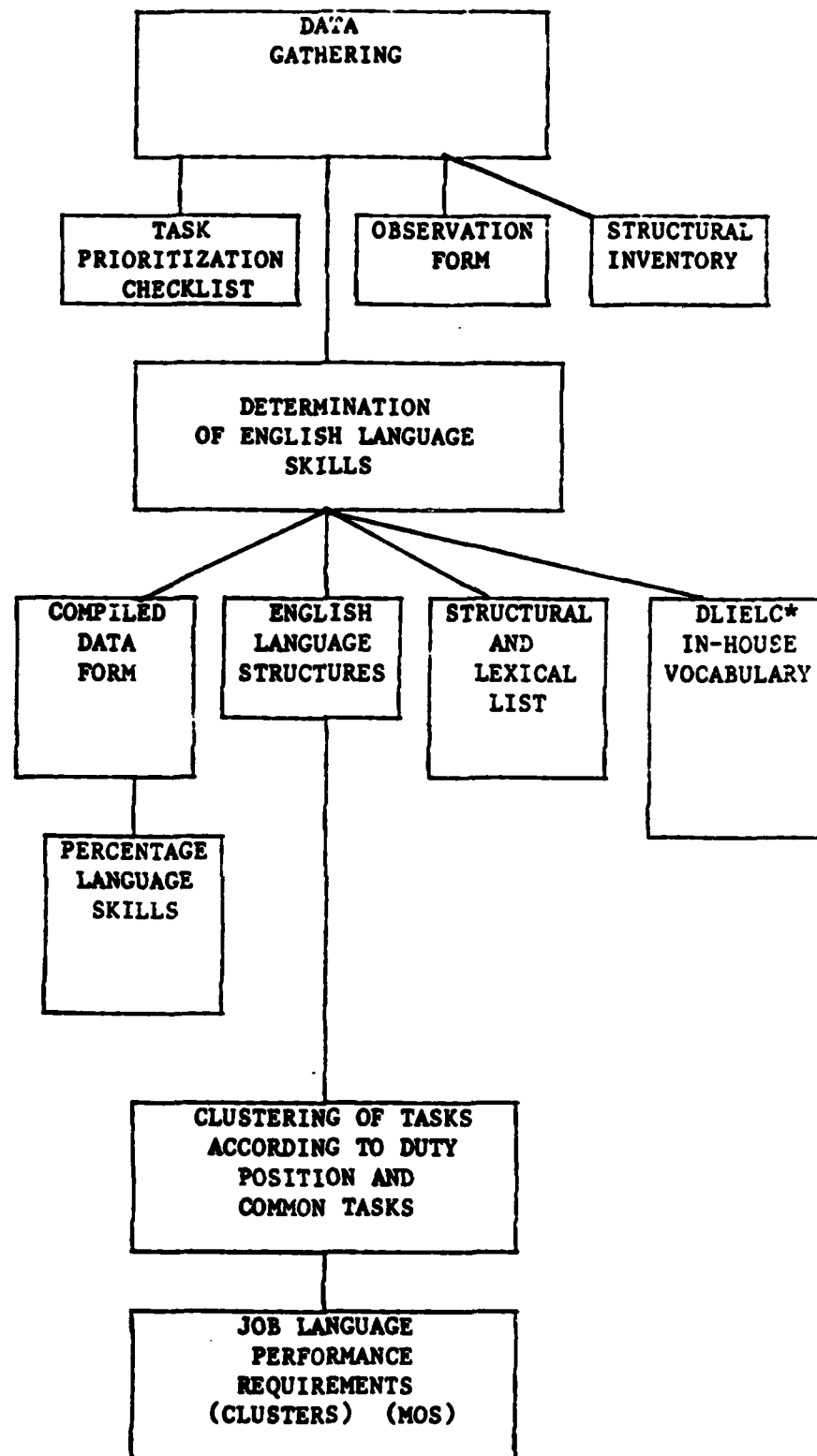


FIGURE 1

*Defense Language Institute English Language Center

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>Job Language Performance Requirements (JLPR)</td> <td>Task Inventory</td> </tr> <tr> <td>Lexical Analysis</td> <td>Common Tasks</td> </tr> <tr> <td>Structural Analysis</td> <td>Listening</td> </tr> <tr> <td>English Language Skills</td> <td>Speaking</td> </tr> <tr> <td>Task Prioritization Checklist</td> <td>Reading</td> </tr> </table>			Job Language Performance Requirements (JLPR)	Task Inventory	Lexical Analysis	Common Tasks	Structural Analysis	Listening	English Language Skills	Speaking	Task Prioritization Checklist	Reading
Job Language Performance Requirements (JLPR)	Task Inventory											
Lexical Analysis	Common Tasks											
Structural Analysis	Listening											
English Language Skills	Speaking											
Task Prioritization Checklist	Reading											
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. ←												

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.

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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

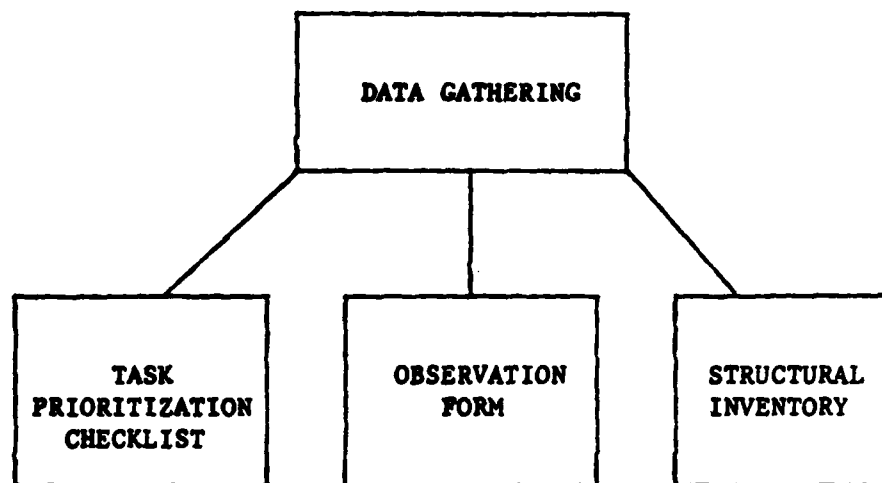


FIGURE 2

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

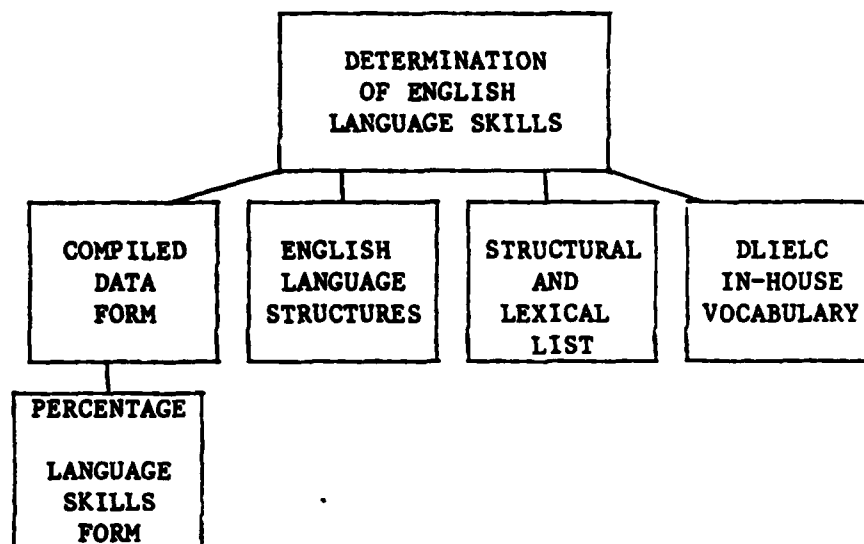


FIGURE 3

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	34%
Speaking	28%
Reading	22%
Writing	19%

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

**See A3

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

SUMMARY/CONCLUSION:

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

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

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

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

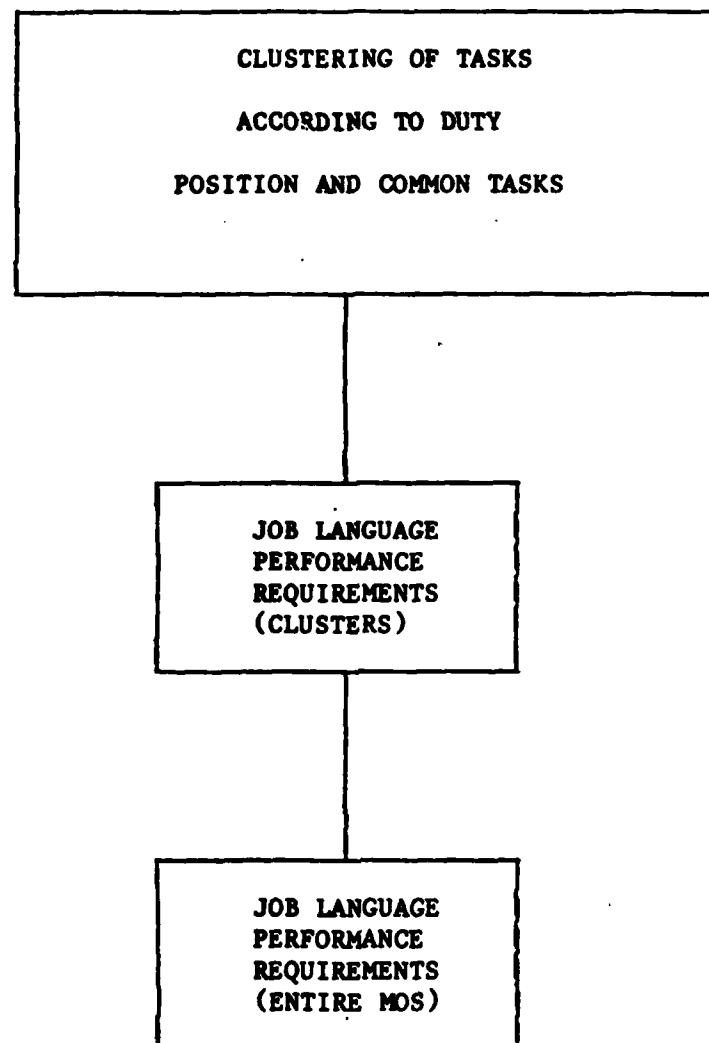


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

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

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. LAND NAVIGATION
8. M16A1 RIFLE
9. LIGHT ANTITANK WEAPON (LAW)
10. GRENADES
11. ELECTRICAL SYSTEMS
12. FUEL SYSTEM
13. COOLING SYSTEM
14. HYDRAULIC SYSTEM
15. BRAKES
16. POWER TRAINS
17. PNEUMATIC EQUIPMENT
18. ENGINE
19. LUBE AND SERVICE EQUIPMENT
20. STEERING SYSTEM
21. CONSTRUCTION EQUIPMENT OPERATION
22. LUBRICATION SYSTEM
23. DISPENSING AND SERVICE UNIT
24. EXHAUST SYSTEM
25. SUPPORT DUTIES
26. MOBILE ASSAULT BRIDGE

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/elicite 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 elicite 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	42%
Speaking	31%
Reading	33%
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 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen to respond
CONDITIONS: Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral utterances

TASK: Produce oral utterances to explain
CONDITIONS: Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

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

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 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1001	Apply The Four Life-Saving Measures
051-191-1002	Apply First Aid Measures For Burns
051-191-1005	Administer Artificial Respiration

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	38%
Reading	23%
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 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed material
TASK:	Write to record and report
CONDITIONS:	Given the requirement to produce a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1031	Maintain Protective Mask And Accessories
051-191-1032	Put On A Protective Mask
051-191-1033	Take Cover As Protection Against NBC Hazards
051-191-1034	Decontaminate Self And Individual Equipment
051-191-1035	Administer Antidote To A Nerve Agent Casualty
051-191-1036	Apply Artificial Respiration To A Chemical Agent Casualty
051-191-1037	Determine Personal Needs And Personal Hygiene In A Chemical Environment
051-191-1038	Identify NBC Hazards And Take Appropriate Actions

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	29%
Reading	22%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-191-1061	Maintain Individual Physical Fitness Appropriate To Unit Mission
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BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	29%
Reading	20%
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 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-191-1063	Employ Field Hygiene And Sanitation Measures
051-191-1364	Construct Individual Defensive Positions
051-191-1365	Clear Fields Of Fire
051-191-1462	Engage Hostile Aircraft With Individual Weapon

CAMOUFLAG

I. PERCENTAGE LANGUAGE SKILLS

Listening	33%
Speaking	36%
Reading	16%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-191-1361	Camouflage/Conceal Self And Individual Equipment
051-191-1362	Camouflage/Conceal Equipment
051-191-1363	Camouflage/Conceal Defensive Position

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	34%
Reading	19%
Writing	23%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to orally interact
CONDITIONS:	Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of, procedures, tables and 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

051-191-1091	Use Challenge And Password
051-191-1095	Process Known Or Suspected Enemy Personnel
051-191-1096	Collect/Report Information - SALUTE
051-191-1098	Perform Guard Duty
051-191-1099	Practice Noise, Light, And Litter Discipline

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	32%
Reading	27%
Writing	26%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES

051-191-1481	Identify Terrain Features (Natural And Manmade) On Map
051-191-2483	Locate A Point On A Map
051-191-2485	Navigate Using A Map
051-191-2486	Measure Ground Distance
051-191-2490	Orient A Map To The Ground By Map Terrain Association

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	36%
Reading	27%
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 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read 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

051-191-1181 Maintain An M16A1 Rifle, Magazines, And Ammunition

051-191-1182 Load And Unload An M16A1 Rifle Magazine
051-191-1183 Load, Reduce A Stoppage, Unload, And Clear An M16A1 Rifle
051-191-1184 Zero An M16A1 Rifle
051-191-1185 Engage Targets With An M16A1 Rifle
051-191-1186 Prepare And Use Aiming And Firing Stakes For The M16A1 Rifle

LIGHT ANTITANK WEAPON (LAW)

I. PERCENTAGE LANGUAGE SKILLS

Listening	27%
Speaking	22%
Reading	17%
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 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to produce a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1241	Prepare An M72A2 LAW For Firing; Restore M72A2 LAW To Carrying Configuration
051-191-1242	Engage Targets With An M72A2 LAW
051-191-1243	Apply Immediate Action To Correct A Malfunction On An M72A2 LAW

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	27%
Reading	15%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

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

III. TASK NUMBERS AND TITLES

051-191-1302	Engage Enemy Targets With Hand Grenades
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ELECTRICAL SYSTEMS

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	36%
Reading	31%
Writing	29%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed NOS training materials in the form of instructions, 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 & 7)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-235-1101	Determine Serviceability Of A Battery (Distributor) Ignition System
051-235-1102	Replace Ignition Switch
051-235-1103	Replace Ignition Coil
051-235-1104	Replace Distributor
051-235-1107	Determine Serviceability Of A Magneto (Self Contained) Ignition System
051-235-1109	Replace Magneto Contact Points And Condenser
051-235-1110	Determine Serviceability Of The Starting System
051-235-1111	Replace Starter And Solenoid

051-235-1112	Replace Starter Switch
051-235-1113	Replace Starter Relay
051-235-1114	Determine Serviceability Of A Battery Charging System (Generator Or Alternator)
051-235-1115	Replace Battery Charging Voltage Regulator
051-235-1116	Replace Ammeter
051-235-1117	Replace Battery(s)
051-235-1119	Replace Generator Or Alternator
051-235-1120	Replace Circuit Breakers

FUEL SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	29%
Reading	25%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1126	Determine Serviceability Of A Gasoline Fuel System
051-235-1127	Replace Carburetor
051-235-1128	Replace Fuel Pump (Gasoline)
051-235-1130	Determine Serviceability Of A Pressure Time (PT) Fuel System (Diesel)
051-235-1131	Replace Pressure Time (PT) Pump
051-235-1132	Replace Pressure Time (PT) Fuel Shutoff Valve
051-235-1133	Replace Pressure Time (PT) Overspeed Governor
051-235-1135	Replace Pressure Time (PT) System Injectors
051-235-1136	Determine Serviceability Of A Multiple Pump Fuel System (Caterpillar)

051-235-1137	Replace Multiple Pump (Caterpillar)
051-235-1138	Replace Fuel Pressure Gauge
051-235-1139	Replace Hand Primer Pump
051-235-1140	Replace Multiple Pump System Injector Nozzle
051-235-1141	Replace Injector Lines
051-235-1142	Determine Serviceability Of A Roosa-Master Fuel System
051-235-1143	Replace Roosa-Master Injection Pump
051-235-1144	Replace Roosa-Master Injector Nozzles
051-235-1145	Determine Serviceability Of A Unit Injector Fuel System
051-235-1146	Adjust Governor (Variable Speed)
051-235-1147	Replace Unit Injection System Injectors
051-235-2151	Repair Pressure Time (PT) Fuel Pump (Low Pressure)
051-235-2152	Repair Roosa-Master Fuel Pump (High Pressure)
051-235-2153	Repair Multiple (Caterpillar) Fuel Pump (High Pressure)
051-235-2154	Repair Unit Injector Fuel System

COOLING SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	36%
Reading	22%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1161	Determine Serviceability Of A Liquid Cooling System
051-235-1163	Replace Fan
051-235-1164	Replace Radiator
051-235-1165	Replace Water Pump
051-235-1166	Replace V-Belts
051-235-1167	Replace Water Treatment Filter
051-235-1168	Replace Cooling System Hoses
051-235-1169	Determine Serviceability Of An Air Cooling System
051-235-1170	Replace Air Cooling System Thermostat (Hi-Temperature Safety Switch)
051-235-1171	Replace Air Cooling System Fan

HYDRAULIC SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	34%
Speaking	36%
Reading	24%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or on request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1176	Determine Serviceability Of The Hydraulic System
051-235-1178	Replace Hydraulic Controls And Linkage
051-235-1179	Replace Hydraulic Cylinder
051-235-1180	Replace Hydraulic Pump
051-235-1182	Fabricate Hydraulic Hose
051-235-1183	Adjust Coasting Brake
051-235-1184	Replace Circle Reverse Gear Box
051-235-1185	Adjust Circle On Motorized Grader
051-235-2186	Repair Hydraulic Pumps
051-235-2187	Repair Hydraulic Cylinders
051-235-2188	Repair Hydraulic Control Valves

BRAKES

I. PERSONAL LANGUAGE SKILLS

Listening	35%
Speaking	35%
Reading	20%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and references
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1190	Determine Serviceability Of The Airbrake System
051-235-1191	Replace Brake Chamber
051-235-1192	Replace Slack Adjuster
051-235-1193	Replace Air Lines
051-235-1194	Replace Air Gauge
051-235-1195	Replace Air Compressor Governor
051-235-1196	Determine Serviceability Of A Hydraulic Brake System
051-235-1197	Replace Master Cylinder
051-235-1198	Determine Serviceability Of The Air-Over-Hydraulic Brake System

051-235-1199	Align Wheels (Toe In - Toe Out)
051-235-1200	Replace Wheeled Tractor Tire
051-235-2202	Repair Hydraulic Brake Power Cluster
051-235-2203	Replace Airbrake System Treadle Valve
051-235-2204	Repair Hydraulic Wheel Cylinder
051-235-2205	Replace Brake Shoes
051-235-2206	Repair Expander-Type Brake Assembly (Wheel Tractor)

POWER TRAINS

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	28%
Reading	23%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1211	Determine Serviceability Of A Power Train
051-235-1212	Replace Universal Joints
051-235-1213	Adjust Crane Carrier Clutch
051-235-1214	Adjust "Snap Over Center" Clutches
051-235-1215	Adjust Winch Brake On Crawler Tractor
051-235-1216	Adjust Expanding Shoe And Band Clutches (Crane Operating Clutches)
051-235-1217	Replace Bearings And Seals
051-235-1218	Adjust Steering, Brakes And Clutches
051-235-2226	Repair A Double-Plate Dry Disc Clutch (Crane Carrier)
051-235-2227	Repair A Single-Plate Dry Disc Clutch
051-235-2228	Repair Multiple-Disc Oil-Type (Wet) Clutch
051-235-2229	Repair A Triple-Plate Oil-Type Clutch (Crawler Tractor)
051-235-2230	Repair Expanding Shoe Or Band-Type Clutch
051-235-2231	Repair A "Snap Over Center" Clutch
051-235-2232	Replace Torque Converter

051-235-2233	Replace Transmission (Construction Equipment)
051-235-2234	Repair Conventional Transmission
051-235-2235	Repair Power Shift Transmission
051-235-2236	Repair Planetary
051-235-2237	Repair Steering brake
051-235-2238	Repair Differential
051-235-2239	Repair Tandem Drive Chain
051-235-2241	Repair Track Adjusting Mechanism

PNEUMATIC EQUIPMENT

I. PERCENTAGE LANGUAGE SKILLS

Listening	27%
Speaking	20%
Reading	18%
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 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of instructions, explanations and procedures

STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1251	Determine Serviceability Of The Air Compressor (250 CFM Or Over)
051-235-1252	Replace Air Pressure Regulator
051-235-1254	Replace Moisture Separator
051-235-2266	Repair Air Pressure Regulator
051-235-2267	Replace Rotor Blades (Vanes) 250 CFM Or Over
051-235-2268	Repair Blowdown And Minimum Pressure Valve
051-235-2269	Repair Air Compressor Speed Control

ENGINE

I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	24%
Reading	23%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1276	Adjust Intake And Exhaust Valves
051-235-1277	Perform Compression Test
051-235-2286	Replace Engine
051-235-2287	Repair Cylinder Head
051-235-2288	Replace Cylinder Head
051-235-2289	Replace Connecting Rods And Pistons
051-235-2290	Replace Camshaft, Gears, And Bearings
051-235-2291	Replace Crankshaft
051-235-2292	Replace Cylinder Liners/Sleeves
051-235-2294	Repair Oil Pump

LUBE AND SERVICE EQUIPMENT

I. PERCENTAGE LANGUAGE SKILLS

Listening	46%
Speaking	32%
Reading	30%
Writing	25%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of 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 & 7)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-235-1301	Determine Serviceability Of A Lubrication And Service Unit
051-235-1302	Replace Dispensing Pumps

STEERING SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	42%
Speaking	30%
Reading	24%
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 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1316	Determine Serviceability Of A Power (Hydraulic) Steering System
051-235-1317	Replace Steering Pump
051-235-1318	Adjust Steering Control Levers And Linkage
051-235-1319	Determine Serviceability Of A Suspension System
051-235-1320	Replace Steering Gear
051-235-2331	Repair Steering Valve On Hydraulic Steering
051-235-2332	Adjust Steering Gear Backlash

CONSTRUCTION EQUIPMENT OPERATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	27%
Reading	31%
Writing	23%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and references
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1370	Maneuver A Crawler Tractor
051-235-1371	Maneuver A Motorized Grader
051-235-1372	Maneuver A Scoop Loader
051-235-1373	Maneuver A Truck-Mounted Crane
051-235-1374	Maneuver A Wheeled Tractor

LUBRICATION SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	36%
Speaking	18%
Reading	23%
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 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1401	Determine Serviceability Of A Lubrication System
051-235-1402	Replace Oil Pressure Regulating Valve
051-235-1403	Replace Engine Oil Cooler
051-235-1404	Lubricate End Item In Accordance With The Lubrication Order

DISPENSING AND SERVICE UNIT

I. PERCENTAGE LANGUAGE SKILLS

Listening	10%
Speaking	8%
Reading	6%
Writing	4%

II. JOB LANGUAGE PERFORMANCE STANDARDS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-2311 Repair High And Low Pressure Dispensing Pumps

EXHAUST SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	24%
Speaking	19%
Reading	15%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-2366	Repair Turbocharger
051-235-2367	Repair Blower

SUPPORT DUTIES

I. PERCENTAGE LANGUAGE SKILLS

Listening	21%
Speaking	14%
Reading	10%
Writing	7%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-2376	Perform Oxyacetylene Butt Weld
051-235-2377	Perform Oxyacetylene Cutting
051-235-2378	Perform Electric Arc Welding Butt Weld

MOBILE ASSEMBLY ENGINE

I. PERCENTAGE LANGUAGE SKILLS

Listening	22%
Speaking	20%
Reading	14%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-235-1426	Determine Serviceability Of MAB Generating System
051-235-1427	Determine Serviceability Of MAB Starting, Stopping, Slaving, And Master Switch Electrical Circuits
051-235-1428	Determine Serviceability Of MAB Superstructure Raise/Lower Circuit
051-235-1429	Determine Serviceability Of Prop Raise/Lower System
051-235-1430	Replace Propeller Assembly
051-235-1431	Determine Serviceability Of Wheel Raise/Lower System
051-235-1432	Replace Suspension Cylinder
051-235-1434	Perform Hydraulic Pump Test
051-235-1435	Perform Relief Valve Test
051-235-1436	Perform Tee Test
051-235-1437	Determine Serviceability Of Front Wheel Position Transmitter
051-235-1438	Replace Front Wheel Position Transmitter
051-235-1439	Determine Serviceability Of Waterproofing Boots

5-4

051-235-1440 Replace Waterproofing Boots
051-235-1441 Determine Serviceability Of Bell Housing
051-235-1442 Determine Serviceability Of Marine Drive Assembly
051-235-1443 Maneuver The MAB On Land
051-235-2451 Replace Marine Drive Assembly
051-235-2452 Replace Bell Housings
051-235-2453 Charge Suspension Cylinder With Nitrogen

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
Message cards
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.

(PRESENTLY WORKING IN)

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

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

YES
NO IS TASK
TAUGHT?

LISTENING*
SPEAKING*
READING*
WRITING*
IMPORTANCE
OF:

LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON
HOW
TAUGHT

YES
NO IS TASK
TESTED?

WRITTEN
ORAL
PERFORMANCE
HOW
TESTED?

PERSON
PERSON
RESULT
DANGER
HOW

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

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

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TRAINING SPECIALIST

NOS 62B NUMBER OF RESPONDENTS 6
 DATA OBTAINED FROM FR. LEONARD WOOD TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
					writing	reading	speaking	listening
057-14-1001	difficulty?							
	tested?							
	taught?							
057-141-1002	difficulty?							
	tested?							
	taught?							
057-141-1005	difficulty?							
	tested?							
	taught?							
057-141-1031	difficulty?							
	tested?							
	taught?							

1518 1915

WAC

TRAINING SPECIALIST

051-191-1035

4/3C

MOS

67

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT		IMPORTANCE	EQUIPMENT	DANGER TO PERSON OR	LECTURE	DEMONSTRATION	HANDS-ON	SELF-PACED	PERFORMANCE	ORAL	WRITTEN	LISTENING	SPEAKING	READING	WRITING
						tested?	difficult?														
051-191-1036																					
051-191-1037																					
051-191-1038																					
051-191-1039																					

N/A

TRAINING SPECIALIST

TASK

BASIC INDIVIDUAL TENDENCIES

01/11/2014

TRAINING SPECIALIST

1601-161-150

44400P486

LAND NAVIGATION

TASK NUMBER	AIT			CRITICALITY				METHODS OF TEACHING				METHODS OF TESTING				RATING OF ELS			
	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	reading	writing	speaking	listening	reading
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
05111-1981	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
05111-2185	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

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

UNIT	CRITICALITY			METHODS OF TEACHING				METHODS OF TESTING				RATING OF ELS			
	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	reading
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
05111-1981	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
05111-2185	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11
	00012	10	11	11	11	11	11	11	11	11	11	11	11	11	11

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

M16A1 RIFLE

LAND NAVIGATION

TASK NUMBER	AIT			CRITICALITY					METHODS OF TEACHING				METHODS OF TESTING			RATING OF ELS			
051-191-2486	taught?	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing		
051-191-2490	taught?	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing		
051-191-1181	taught?	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing		
051-191-1182	taught?	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing		

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

UNIT	CRITICALITY			METHODS OF TEACHING				METHODS OF TESTING			RATING OF ELS									
051-191-2486	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing				
051-191-2490	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing				
051-191-1181	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing				
051-191-1182	tested?	difficulty?	importance	equipment	danger to	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing				

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

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MIGAI RIFLE

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
05-11-1183	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	
05-11-1184	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	
05-11-1185	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	
05-11-1186	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	

DATA OBTAINED FROM _____
 TRAINING SPECIALIST

NUMBER OF RESPONDENTS _____

MOS _____

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

DATA OBTAINED FROM _____
 TRAINING SPECIALIST

NUMBER OF RESPONDENTS _____

MOS _____

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Law

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to	lecture	demonstration	self-paced	hands-on	performance	oral	written	listening	speaking
051-171-130	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-124	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-123	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-122	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-121	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-120	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to	lecture	demonstration	self-paced	hands-on	performance	oral	written	listening	speaking
051-171-130	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-124	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-123	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-122	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-121	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-171-120	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

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NUMBER OF RESPONDENTS

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NUMBER OF RESPONDENTS

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ELECTRICAL SYSTEMS

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to person or	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
051-235-401	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-402	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-403	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-404	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to person or	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
051-235-401	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-402	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-403	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-404	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

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C

MOS		NUMBER OF RESPONDENTS		DATA OBTAINED FROM		TRAINING SPECIALIST	

NOS 6211 DATA OBTAINED FROM TRAINING SPECIALIST
 NUMBER OF RESPONDENTS OF 56 PAGE 12

[illegible]

TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

3

[illegible]

TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

SOME

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ELECTRICAL SYSTEMS

TASK NUMBER	METHODS OF TESTING			METHODS OF TEACHING			CRITICALITY			AIT		
	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or equipment
06-235-1115	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1116	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1117	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1118	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1119	1	1	1	1	1	1	1	1	1	1	1	1

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

UNIT	METHODS OF TESTING			METHODS OF TEACHING			CRITICALITY			AIT		
	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or equipment
06-235-1115	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1116	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1117	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1118	1	1	1	1	1	1	1	1	1	1	1	1
06-235-1119	1	1	1	1	1	1	1	1	1	1	1	1

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

Full System

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
051-35-1130	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		
051-35-1131	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		
051-235-1132	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		
051-35-1133	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		

DATA OBTAINED FROM						
TRAINING SPECIALIST						
MOS						
NUMBER OF RESPONDENTS						

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

DATA OBTAINED FROM					
TRAINING SPECIALIST					
MOS					
NUMBER OF RESPONDENTS					

٢٥٢٥ ٥٥٥٥

Fuel System

TASK NUMBER	A/T	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
051-235-1143	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
			self-paced		listening	
051-235-1145	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
			self-paced		listening	
051-235-1146	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
			self-paced		listening	

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

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

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

051-25-1164

SOW

SOW

COOLING SYSTEM

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	danger to person or equipment	difficulty?	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
05-235-1168	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
05-235-1167	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
05-115-1170	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
05-1171	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM	NUMBER OF RESPONDENTS	TRAINING SPECIALIST
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UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	danger to person or equipment	difficulty?	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
05-235-1168	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
05-235-1167	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
05-115-1170	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
05-1171	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM	NUMBER OF RESPONDENTS	TRAINING SPECIALIST
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HYDRAULIC SYSTEM

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING				METHODS OF TESTING				RATING OF ELS			
			lecture	demonstration	self-paced	hands-on	performance	written	oral	listening	reading	speaking	writing	
05-235-1176	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1177	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1178	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1179	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1180	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4

UNIT	CRITICALITY	METHODS OF TEACHING				METHODS OF TESTING				RATING OF ELS			
		lecture	demonstration	self-paced	hands-on	performance	written	oral	listening	reading	speaking	writing	
05-235-1176	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1177	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1178	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1179	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1180	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4

DATA OBTAINED FROM TRAINING SPECIALIST

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

MOS

DATA OBTAINED FROM TRAINING SPECIALIST

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

MOS

HYDRAULIC SYSTEM

[illegible]

TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

SOME

[illegible]

TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

SOM

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HYDRAULIC SYSTEM

TASK NUMBER	RATING OF ELS			METHODS OF TESTING			METHODS OF TEACHING			CRITICALITY			UNIT			MOS	DATA OBTAINED FROM	NUMBER OF RESPONDENTS	TRAINING SPECIALIST
	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or equipment	importance	difficulty	tested?				
051-215-2186																			
051-215-2187																			
051-215-2188																			

TASK NUMBER	UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	MOS		NUMBER OF RESPONDENTS		DATA OBTAINED FROM		TRAINING SPECIALIST					
						danger to person or	equipment	importance	difficult?	tested?	written	oral	performance	self-paced	hands-on	demonstration	lecture
051-235-171	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or	equipment	importance	difficult?	tested?	taught?
051-235-179	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or	equipment	importance	difficult?	tested?	taught?
051-235-180	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or	equipment	importance	difficult?	tested?	taught?
051-235-182	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or	equipment	importance	difficult?	tested?	taught?

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT	IMPORTANCE	EQUIPMENT	DANGER TO PERSON OR	LECTURE	DEMONSTRATION	HANDS-ON	SELF-PACED	PERFORMANCE	ORAL	WRITTEN	LISTENING	SPEAKING	READING	WRITING																								
																					difficult?	tested?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written												
																																	difficult?	tested?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written
05-235-2203																																												
05-235-2204																																												
05-235-2205																																												
05-235-2206																																												

BRACKES

TRAINING SPECIALIST

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POWER TRAIN 5

AD-A121 070

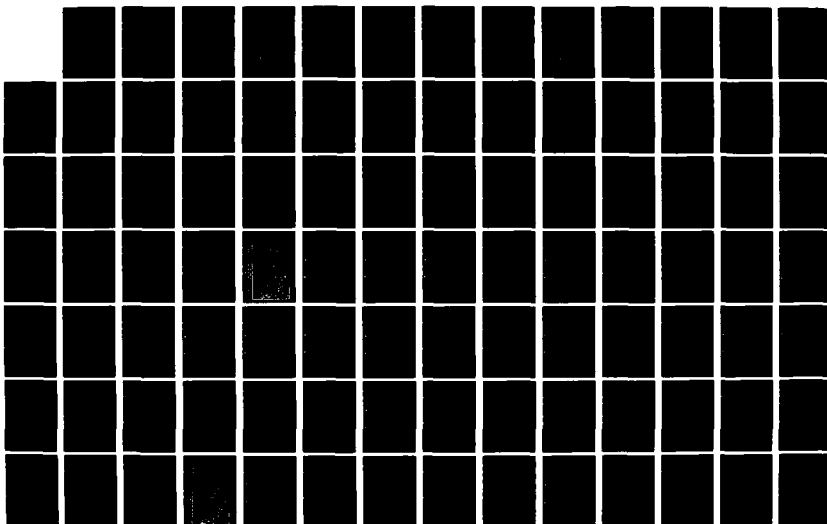
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 62B
CONSTRUCTION EQUIPMENT. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 13 MAR 78

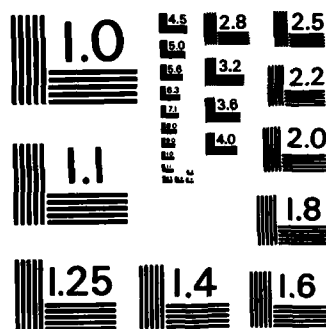
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

TRAINING SPECIALIST

about 75000

John W. Smith

TRAINING SPECIALIST

Power 727/25

MOS 621

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	MOS		NUMBER OF RESPONDENTS		DATA OBTAINED FROM		TRAINING SPECIALIST	
						danger to person or equipment importance	difficult? tested?						
291-511-140	writing												
	reading												
	speaking												
	listening												
291-511-140	written												
	oral												
	performance												
291-511-140	self-paced												
	hands-on												
	demonstration												
	lecture												
291-511-140	danger to person or equipment importance												
	difficulty?												
	tested?												
291-511-140	taught?												

PNEUMATIC EQUIPMENT

[illegible]

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?		

NEWARK EQUINE

[illegible]

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TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT	IMPORTANCE	EQUIPMENT	DANGER TO PERSON OR	DATA OBTAINED FROM		NUMBER OF RESPONDENTS	
										difficult?	tested?		
05-235-2274	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	3 3 0	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
05-235-2274	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	3 3 0	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
05-235-1301	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	3 3 0	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
05-235-1301	writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	3 3 0	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1

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Suppose

TRAINING SPECIALIST

MoB/c 955417 (52,1000

MoS/Ct AS5447 13c, 20c

TRAINING SPECIALIST

✓ 7/15/84 155462 221064

TRAINING SPECIALIST

TASK	NUMBER
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10/18/56 1956 10/18/56

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 628**

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%
FIRST AID 051-191-1001 051-191-1002 051-191-1005	$3 \times 5 \times 15 = 225$ 18 19 15 16 26 94 $225 \over 94.000 = 418\%$	$3 \times 2 \times 15 = 90$ 3 25 28 $90 \over 28.000 = 311\%$	$3 \times 3 \times 15 = 135$ 6 16 22 44 $135 \over 44.000 = 326\%$	$3 \times 4 \times 15 = 180$ 19 6 16 14 55 $180 \over 55.000 = 309\%$
	42%	31%	33%	31%
NBC 051-191-1031 THRU 051-191-1038	$8 \times 5 \times 17 = 680$ 58 54 42 45 82 281 $680 \over 281.000 = 412\%$	$8 \times 2 \times 17 = 272$ 37 67 104 $272 \over 104.000 = 382\%$	$8 \times 3 \times 17 = 408$ 14 19 62 95 $408 \over 95.000 = 231\%$	$8 \times 4 \times 17 = 544$ 54 14 19 36 123 $544 \over 123.500 = 223\%$
	41%	38%	23%	23%
INDIVIDUAL FITNESS 051-191-1061	$1 \times 5 \times 17 = 85$ 7 2 7 11 11 38 $85 \over 38.000 = 447\%$	$1 \times 2 \times 17 = 34$ 1 9 10 $34 \over 10.000 = 294\%$	$1 \times 3 \times 17 = 51$ 3 0 8 11 $51 \over 11.000 = 216\%$	$1 \times 4 \times 17 = 68$ 2 3 0 4 9 $68 \over 9.000 = 133\%$
	45%	29%	22%	13%
				118

n = 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

PERCENTAGE LANGUAGE SKILLS
NOS 62/3

FOR	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 TECHNIQUES 051-191-1063 051-191-1364 051-191-1365 051-191-1462	$4 \times 5 \times 17 = 340$ 22 17 18 16 34 109 $340 / 109.000$	$4 \times 2 \times 17 = 136$ 11 28 39 $136 / 39.000$	$4 \times 3 \times 17 = 204$ 13 3 24 40 $204 / 40.000$	$4 \times 4 \times 17 = 272$ 19 13 3 11 46 $272 / 46.000$
	32%	29%	20%	17%
CAMOUFLAGE 051-191-1361 THRU 051-191-1363	$3 \times 5 \times 17 = 255$ 16 14 18 7 30 85 $255 / 85.000$	$3 \times 2 \times 17 = 102$ 12 25 37 $102 / 37.000$	$3 \times 3 \times 17 = 153$ 6 3 16 25 $153 / 25.000$	$3 \times 4 \times 17 = 204$ 14 6 3 19 42 $204 / 42.000$
	33%	36%	16%	21%
SECURITY AND INTELLIGENCE	$5 \times 5 \times 17 = 425$ 20 38 30 33 45 166 $425 / 166.000$	$5 \times 2 \times 17 = 170$ 16 42 58 $170 / 58.000$	$5 \times 3 \times 17 = 255$ 7 10 32 49 $255 / 49.000$	$5 \times 4 \times 17 = 340$ 38 7 10 24 79 $340 / 79.000$
	39%	34%	17%	23%
				.19

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

PERCENTAGE LANGUAGE SKILLS
MOS 62/3

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

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%
LAND NAVIGATION	$5 \times 5 \times 14 = 350$ 19 27 29 23 37 135 $350 \overline{) 135.000}$.386	$5 \times 2 \times 14 = 140$ 10 35 45 $140 \overline{) 45.000}$.321	$5 \times 3 \times 14 = 210$ 8 17 32 57 $210 \overline{) 57.000}$.271	$5 \times 4 \times 14 = 280$ 27 8 17 21 73 $280 \overline{) 73.000}$.26
	39%	32%	27%	26%
M16A1 RIFLE 051-191-1181 THW 051-191-1186	$6 \times 5 \times 17 = 510$ 32 43 51 42 59 227 $510 \overline{) 227.000}$.445	$6 \times 2 \times 17 = 204$ 24 49 73 $204 \overline{) 73.000}$.358	$6 \times 3 \times 17 = 306$ 25 17 39 81 $306 \overline{) 81.000}$.265	$6 \times 4 \times 17 = 408$ 43 25 17 28 113 $408 \overline{) 113.000}$.275
	45%	36%	27%	28%
LAW 051-191-1241 THW 051-191-1243	$3 \times 5 \times 12 = 180$ 11 12 7 7 12 49 $180 \overline{) 49.000}$.272	$3 \times 2 \times 12 = 72$ 4 12 16 $72 \overline{) 16.000}$.222	$3 \times 3 \times 12 = 108$ 3 5 10 18 $108 \overline{) 18.000}$.167	$3 \times 4 \times 12 = 144$ 12 3 5 4 24 $144 \overline{) 24.000}$.167
	27%	22%	17%	17%

PERCENTAGE LANGUAGE SKILLS
NOS 62B

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%
GRENADES 051-191-1302	$1 \times 5 \times 11 = 55$ $\begin{array}{r} 3 \\ 3 \\ 3 \\ 2 \\ \hline 5 \\ 16 \end{array}$ $55 \overline{) 16.000} \begin{array}{l} .291 \\ 55 \end{array}$	$1 \times 2 \times 11 = 22$ $\begin{array}{r} 2 \\ 4 \\ \hline 6 \end{array}$ $22 \overline{) 6.000} \begin{array}{l} .273 \\ 22 \end{array}$	$1 \times 3 \times 11 = 33$ $\begin{array}{r} 1 \\ 0 \\ 4 \\ \hline 5 \end{array}$ $33 \overline{) 5.000} \begin{array}{l} .152 \\ 33 \end{array}$	$1 \times 4 \times 11 = 44$ $\begin{array}{r} 3 \\ 1 \\ 0 \\ 1 \\ \hline 5 \end{array}$ $44 \overline{) 5.000} \begin{array}{l} .11 \\ 44 \end{array}$
	29%	27%	15%	11%
ELECTRICAL SYSTEMS	$16 \times 5 \times 15 = 1200$ $\begin{array}{r} 82 \\ 88 \\ 137 \\ 108 \\ 117 \\ \hline 532 \end{array}$ $1200 \overline{) 532.000} \begin{array}{l} .443 \\ 1200 \end{array}$	$16 \times 2 \times 15 = 480$ $\begin{array}{r} 56 \\ 117 \\ \hline 173 \end{array}$ $480 \overline{) 173.000} \begin{array}{l} .360 \\ 480 \end{array}$	$16 \times 3 \times 15 = 720$ $\begin{array}{r} 74 \\ 47 \\ 101 \\ \hline 222 \end{array}$ $720 \overline{) 222.000} \begin{array}{l} .308 \\ 720 \end{array}$	$16 \times 4 \times 15 = 960$ $\begin{array}{r} 88 \\ 74 \\ 47 \\ 67 \\ \hline 276 \end{array}$ $960 \overline{) 276.000} \begin{array}{l} .287 \\ 960 \end{array}$
	44%	36%	31%	29%
FUEL SYSTEM	$24 \times 5 \times 13 = 1560$ $\begin{array}{r} 83 \\ 67 \\ 137 \\ 89 \\ 127 \\ \hline 501 \end{array}$ $1560 \overline{) 501.000} \begin{array}{l} .321 \\ 1560 \end{array}$	$24 \times 2 \times 13 = 624$ $\begin{array}{r} 51 \\ 127 \\ \hline 178 \end{array}$ $624 \overline{) 178.000} \begin{array}{l} .285 \\ 624 \end{array}$	$24 \times 3 \times 13 = 936$ $\begin{array}{r} 71 \\ 45 \\ 117 \\ \hline 233 \end{array}$ $936 \overline{) 233.000} \begin{array}{l} .249 \\ 936 \end{array}$	$24 \times 4 \times 13 = 1248$ $\begin{array}{r} 67 \\ 71 \\ 45 \\ 82 \\ \hline 265 \end{array}$ $1248 \overline{) 265.000} \begin{array}{l} .212 \\ 1248 \end{array}$
	32%	29%	25%	21%

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

PERCENTAGE LANGUAGE SKILLS
MOS 62B

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%
COOLING SYSTEM	$10 \times 5 \times 14 = 700$ 38 36 69 50 66 $\frac{259}{700} \sqrt{259.000}$	$10 \times 2 \times 14 = 280$ 35 65 $\frac{100}{280} \sqrt{100.000}$	$10 \times 3 \times 14 = 420$ 24 20 50 94 $\frac{94}{420} \sqrt{94.000}$	$10 \times 4 \times 14 = 560$ 36 24 20 39 $\frac{119}{560} \sqrt{119.000}$
	37%	36%	22%	21%
HYDRAULIC SYSTEM	$11 \times 5 \times 13 = 715$ 34 35 66 46 65 $\frac{246}{715} \sqrt{246.000}$	$11 \times 2 \times 13 = 286$ 37 65 $\frac{102}{286} \sqrt{102.000}$	$11 \times 3 \times 13 = 429$ 30 17 55 $\frac{102}{429} \sqrt{102.000}$	$11 \times 4 \times 13 = 572$ 35 30 17 36 118 $\frac{118}{572} \sqrt{118.000}$
	34%	36%	24%	21%
BRAKES	$16 \times 5 \times 14 = 1120$ 51 49 109 80 106 $\frac{395}{1120} \sqrt{395.000}$	$16 \times 2 \times 14 = 448$ 53 102 155 $\frac{155}{448} \sqrt{155.000}$	$16 \times 3 \times 14 = 672$ 48 24 100 172 $\frac{172}{672} \sqrt{172.000}$	$16 \times 4 \times 14 = 896$ 49 48 24 62 183 $\frac{183}{896} \sqrt{183.000}$
	35%	35%	26%	20%

PERCENTAGE LANGUAGE SKILLS
NOS 62B

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$ TR = total number of responses to variables in the cluster T = number of tasks in the cluster V = variables R = number of respondents in any task in that cluster	-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%
POWELL TRAINS	$23 \times 5 \times 12 = 1380$ 52 72 114 93 108 439 $1380 \overline{) 439.000}$.318	$23 \times 2 \times 12 = 552$ 49 108 157 $552 \overline{) 157.000}$.284	$23 \times 3 \times 12 = 828$ 48 41 98 187 $828 \overline{) 187.000}$.226	$23 \times 4 \times 12 = 1104$ 72 48 41 69 230 $1104 \overline{) 230.000}$.208
	32%	28%	23%	21%
PNEUMATIC EQUIPMENT	$7 \times 5 \times 13 = 455$ 15 18 32 30 29 124 $455 \overline{) 124.000}$.273	$7 \times 2 \times 13 = 182$ 8 29 37 $182 \overline{) 37.000}$.203	$7 \times 3 \times 13 = 273$ 0 0 0 50 $273 \overline{) 50.000}$.183	$7 \times 4 \times 13 = 364$ 18 10 10 18 51 $364 \overline{) 56.000}$.154
	27%	20%	18%	15%
ENGINE	$10 \times 5 \times 13 = 650$ 29 35 48 40 44 196 $650 \overline{) 196.000}$.302	$10 \times 2 \times 13 = 260$ 19 44 63 $260 \overline{) 63.000}$.242	$10 \times 3 \times 13 = 390$ 26 16 46 88 $390 \overline{) 88.000}$.226	$10 \times 4 \times 13 = 520$ 35 26 16 24 101 $520 \overline{) 101.000}$.194
	50%	24%	23%	19%
				123

PERCENTAGE LANGUAGE SKILLS
MOS 62B

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	W
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 -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LUBE AND SERVICE EQUIPMENT 051-235-1301 051-235-1302	$2 \times 5 \times 11 = 110$ 7 7 13 11 12 50 $110 \overline{) 50.000}$.455 46%	$2 \times 2 \times 11 = 44$ 2 12 14 $44 \overline{) 14.000}$.318 32%	$2 \times 3 \times 11 = 66$ 5 3 12 20 $66 \overline{) 20.000}$.303 30%	$2 \times 4 \times 11 = 88$ 7 5 3 7 22 $88 \overline{) 22.000}$.25 25%
STEERING SYSTEM 051-235-1316 THRU 051-235-1320 051-235-2331 051-235-2332	$7 \times 5 \times 8 = 280$ 19 14 29 28 28 118 $280 \overline{) 118.000}$.421 42%	$7 \times 2 \times 8 = 112$ 5 28 33 $112 \overline{) 33.000}$.295 30%	$7 \times 3 \times 8 = 168$ 9 6 25 40 $168 \overline{) 40.000}$.238 24%	$7 \times 4 \times 8 = 224$ 14 9 6 21 50 $224 \overline{) 50.000}$.223 22%
CONSTRUCTION EQUIPMENT OPERATION 051-235-1370 THRU 051-235-1374	$5 \times 5 \times 15 = 375$ 21 15 44 40 34 154 $375 \overline{) 154.000}$.411 41%	$5 \times 2 \times 15 = 150$ 6 35 41 $150 \overline{) 41.000}$.273 27%	$5 \times 3 \times 15 = 225$ 23 9 37 69 $225 \overline{) 69.000}$.307 31%	$5 \times 4 \times 15 = 300$ 15 23 9 23 70 $300 \overline{) 70.000}$.233 23%
	41%	27%	31%	23%
				12%

PERCENTAGE LANGUAGE SKILLS
NOS 62B

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\% = \frac{TR + (T)(V)(R)}{T}$	-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%
LUBRICATION SYSTEM 051-235-1401 THRU 051-235-1404	$4 \times 5 \times 11 = 220$ $\begin{array}{r} 10 \\ 9 \\ 21 \\ 20 \\ 18 \\ \hline 78 \end{array}$ $220 \overline{) 78.000} \quad .355$	$4 \times 2 \times 11 = 88$ $\begin{array}{r} 0 \\ 16 \\ \hline 16 \end{array}$ $88 \overline{) 16.000} \quad .182$	$4 \times 3 \times 11 = 132$ $\begin{array}{r} 9 \\ 1 \\ 20 \\ \hline 30 \end{array}$ $132 \overline{) 30.000} \quad .227$	$4 \times 4 \times 11 = 176$ $\begin{array}{r} 9 \\ 9 \\ 1 \\ \hline 11 \\ 30 \end{array}$ $176 \overline{) 30.000} \quad .170$
	36%	18%	23%	17%
DISPENSING AND SERVICE UNIT 051-235-2311	$1 \times 5 \times 6 = 30$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ 1 \\ 1 \\ \hline 3 \end{array}$ $30 \overline{) 3.000} \quad .100$	$1 \times 2 \times 6 = 12$ $\begin{array}{r} 0 \\ 1 \\ \hline 1 \end{array}$ $12 \overline{) 1.000} \quad .083$	$1 \times 3 \times 6 = 18$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $18 \overline{) 1.000} \quad .056$	$1 \times 4 \times 6 = 24$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $24 \overline{) 1.000} \quad .042$
	10%	8%	6%	4%
EXHAUST SYSTEM 051-235-2366 51-235-2367	$2 \times 5 \times 8 = 80$ $\begin{array}{r} 4 \\ 2 \\ 5 \\ 3 \\ 5 \\ \hline 19 \end{array}$ $80 \overline{) 19.000} \quad .238$	$2 \times 2 \times 8 = 32$ $\begin{array}{r} 1 \\ 5 \\ \hline 6 \end{array}$ $32 \overline{) 6.000} \quad .188$	$2 \times 3 \times 8 = 48$ $\begin{array}{r} 2 \\ 0 \\ 5 \\ 7 \\ \hline 7 \end{array}$ $48 \overline{) 7.000} \quad .146$	$2 \times 4 \times 8 = 64$ $\begin{array}{r} 2 \\ 2 \\ 0 \\ 3 \\ 7 \\ \hline 7 \end{array}$ $64 \overline{) 7.000} \quad .109$
	24%	19%	15%	11%

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

MOS 623

126

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.

DOS

PERSON RECORDING

LOCATION
(UNIT/AIT)

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 or

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

Media of Instruction

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

Mode of Response

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

Instructional Ratio

Instructor, one-to-one/class

Peer/one-to-one

Group or Committee Group (group of instructors of whom one teaches one portion of the w

- Small (12 or less)

- Large (more than 12)

Other

Questions

Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

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

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

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

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

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

2. Conjunctive adverb

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

3. Semicolon

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

COMPLEX: One or more dependent clauses

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

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

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

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

SENTENCE TYPES

1. INTERROGATIVE

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

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

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

5. ELLIPSIS:

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

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

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

2. CONTRAST

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

3. COMPARISON

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

4. RESULT

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

5. MANNER

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

6. TIME

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

Split the bracket until fire for effect is possible.

7. PLACE

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

8. CAUSE

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

9. ADVERSATIVE

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

10. CONDITION

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

PHRASES

1. GERUND

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

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

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

4. PREPOSITIONAL

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

LEXICAL ITEMS

ADJECTIVALS

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

ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

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

3. SUPERLATIVES

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

PRONOUNS

1. INDEFINITE

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

2. POSSESSIVE

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

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.

VERBS

1. VERB TENSES

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

--You will be tested.

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

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

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

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

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

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

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

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

4. MODALS

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

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

Injury or death could result.

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

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

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

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

GERUNDS

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

INFINITIVES

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

ADVERBS +

1. SUPERLATIVE

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

2. INDEFINITE

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

3. FREQUENCY

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

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

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

VERBS AND PREPOSITIONS

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

VERBS AND ADVERB

(particles)

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

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

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

NOT APPLICABLE

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

APPENDIX 7

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

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No

628-1



AUG 15 1980

W F A

D L I

108 Sch

600 1

W-10C

DISTRIBUTION 1-454 UNIQUE ITEMS

17,303 RECORDS

16

AIRIAL

116

AIR-OPER

1 AIR-OPER-HYDRAULIC

1 AIR-OPER

1 AIR-OPER

2 AUTOMOTIVE

AVAILABLE

116

AXLES

2 AXLES

2 AXLES

3 BACK

5 BACKING

1 BACKLASH

2 BACKUP

4 BALL

1 BALL

1 BALL

9 BALLS

1 BALL

1 BAND-TYPE

2 BANDS

4 BAR

1 BARBER-GREENE

2 BARREL

1 BISE

4 BASIC

1 BASIC

6 BITTERIES

8 BATTERY

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

127 RE

1-454

3 BELTS
1 BENCH
4 BENDING
1 BENT
1 BENT

1 BEST
15 BETWEEN
1 REVEL
1 REVENO
1 BINDING

8 BODY
5 BODY
2 BOLTED
14 BOLTS
2 BOLT

2 BOLT
1 BOLT/BUCKET
6 BOLT
11 BOLTS
5 BOLT

9 BOLT
6 BOLT
7 BOLT
2 BOLT

1 BOLT
2 BOLT
4 BOLT-SPRINGFIELD
3 BOLT

2 BOLT
2 BOLT
2 BOLT
2 BOLT
2 BOLT

4 BOLT
7 BOLT
2 BOLT
4 BOLT

1 BOLT
1 BOLT
4 BOLT
2 BOLT

1 CAB
2 CABLE
3 CARLS
4 CARS
5 CAGE

6 CAL
7 CALCIUM
8 CALIBRATE
9 CALIBER
10 CAUSHAFT

11 CAN

12 CANOPY

13 CANOPY

14 CAP

15 CAPACITY

16 CAPS

17 CAPSCREW

18 CAPSCREWS

19 CARBON

20 CARE

21 CAREER

22 CAREFUL

23 CAREFULLY

24 CARPENTER

25 CARTRIDGE

26 CASE

27 CASE COVERS

28 CASES

29 CATCH

30 CATFISH

31 CATERPILLAR

32 CATERPILLER

33 CATIONS

34 CATWALK

35 CAUSING

36 CAUTION

37 CEMENT

38 CEMENTAL

39 CENTER

40 CIL

5 CIRCLE
14 CIRCUIT
CIRCUITS
CIRCULATE

2 CO STING
CO
COATING
COCKS

1 COILING
COLLAR
COLLP
COLUMN

COMBINATION
CONF
COMING
COMMENTS

COMMON
COMPANY
COMPIRON
COMPARTMENT
COMPLETE

79 COMPLETED
COMFORT
COMFORTS
COMPOSED

1 COMPOUND
2 COMPRESS
6 COMPELLED
3 COMPRESSION
COMPRESSOR

1 COMPRESSORS
COMPELE
6 COMPELE
4 COMDEC
2 COMOTION

CONCITIONS
7 CONDITIONS
2 CONDUCT
3 CONE
3 CONES

CCURPIEM
CONNECT
CONNECTING
CONNECTION
CONNECTIONS

CONNECTOR
CONNECTORS
CONSIDERING
CONSISTING
CONSTRUCT

CONSTRUCTION
CONTACT
CONTACTS
CONTAIN
CONTAINER
CONTAINERS
CONTAINS
CONTAMINATION
CONTENTS
CONTINUE

CONTINUE
CONTINUITY
CONTINUOUSLY
CONTINUOUS
CONTROL

CONTROLLED
CONTROLS
CONVENTIONAL
CONVERTER
COCL

COCLAMT
COCLANTS
COCLIF
COCLING
COCLIMATE

COCPINATES
COCPINITE
COCPER
CORCANCE

CORF
CORNER
CORP
CORRECT
CORRESPONDENCE

3 CORROSION
2 COTTER
1 COUNSEL
5 COUN

1 COUNTER-CLOCKWISE
5 COUNTERCLOCKWISE
3 CURLING
2 COUPLINGS
4 C WASE

32 COVER
COVER/ROOTS
COVERING
COVERS
COVERS/ROOTS

1 CRALING
1 CUTS
0 CUP
10 CUPS
CURVE

CUT
2 CUTS
CYLINDER
6 CYLINDERS

CJME
CONDITION
CONDITIONS
CONCITIONS
D-7

4 D-7E
217 D

3 DAMAGE
17 DAMAGED

1 DAMPER
4 DAPPING
DASH
DASHBOT
1 DATA

7 DAVEY
2 DAYLIGHT
DEAD
DEADIS

ACCELERATION

DECK
DECKING
DECK
DECK

DEFECT
DEFECTIVE
DEFECTS
DEFICIENCIES
DEFICIENCY

DEFINITE
DEGREE
DEGREES
DEL
DELS

DENIED
DENTS
DEPT
DEPRESS
DEPRESSIONS

DEPTH
DELOCH
DEPRICK
DESIGNED
DESIGNS

DETAILED
DETERMINE
DEVELOP
DEVELOPMENT
DEVELOPMENT--RECOMMENDED

DEVICE
DEVICES
DIAL
DIAMETER
DIESEL

~~DIFFERENTIAL~~
DIFFERENTIAL
DIGITS
DIMENSIONS

DIPPING
DIPSTICK
DIRECT
DIRECTION
DIRECTIONAL

4	DIET
10	DISASSEMBLY
11	DISASSEMBLY
12	DISASSEMBLY
13	DISC
14	DISCARD
15	DISCHARGE
16	DISCHARGED
17	DISCONNECT
18	DISCONNECTING
19	DISCREPANCIES
20	DISCS
21	DISCUSS
22	DISSENGAGE
23	DISMOUNT
24	DISTANCE
25	DISTINGUISH
26	DISTORTION
27	DISTRIBUTION
28	DITION
29	DIVIDED
30	DIVIDES
31	DIVISION
32	DO
33	DOES
34	DOES
35	DOORS
36	DOUBLE
37	DOUBLE-PLATE
38	DOWEL
39	DOWN
40	DOWN
41	DUCTS
42	DUE
43	DURING
44	DURING-OPERATION
45	DUST
46	DUTIES
47	DUTY
48	EACH
49	EASIER
50	EASILY
51	EIGHT
52	EITHER

4	EQUAL
1	EQUALIZER
1	EQUIPMENT
27	EQUIPPED
1	EQUIVALENT
4	EVALUATION
1	EVALUATOR
3	EVERY
1	EVIDENCE
1	EXAMPLE
1	EXCAVATORS
1	EXCEED
2	EXCEEDS
1	EXCEPT
3	EXCESS
6	EXCESSIVE
2	EXCESSIVELY
2	EXCHANGE
1	EXENSION
5	EXHAUST
1	EXIST
3	EXPANDER
1	EXPANDING
1	EXPLANATION
1	EXPRESS
2	EX. END
1	EXTENDED
1	EXTENDING
1	EXTENSION
1	EXTENT
4	EX. FRIC
1	EXTERNAL
1	EXTRACTING
1	EXTRACTOR
1	EXTREME
2	EXTRICATE
1	FABRICATED
2	FABRICATING
1	FACET
1	FACILITATE
1	FILING

2 FALLING

17 FIN

4 FIVE

1 FASTEN

5 FEATURE

5 FEATURES

1 EFFECTIVE

2 FIVE

2 FELLER

3 FEET

4 FELT

6 FEMALE

1 FENCE

1 FERENTIAL

1 FERRY

1 FICATIONS

1 FIELD

12 FIELD

15 FIFTH

6 FIG

6 FIGURE

4 FILL

1 FILLED

5 FILLER

1 FILM

10 FILTER

2 FILTERS

1 FIN

6 FIN'L

1 FIND

2 FINGER

1 FINGERS

7 FINISH

1 FIRST

1 FIRST-HAND

3 FIT

6 FITTING

17 FITTINGS

1 FIXTURE

4 FOLLOW

17 FOLLOWING

4 FOOT

3 FOOT-PCUNDS

10 FIVE

1 FORCE
2 FORCING
3 FUSE
4 FUSEIGN
5 FUSEY

21 FORPANCE
22 FORPSEN
23 FORPND
24 FORPUS
25 FORPUS

26 FORTH
27 FUEL
28 FUEL/OIL
29 FULL
30 FULLY

31 FUNCTION
32 FUNCTIONAL
33 FUNCTIONING
34 FURTHER
35 GAA

36 GAIN
37 GALLONS
38 GAP
39 GAZ

40 GASKET
41 GASKETS
42 GASOLINE
43 GASOLINE-DRIVEN
44 GAUGE

45 GAUGES
46 GAUGING
47 GEAR
48 GEARBOX
49 GEARING

50 GEARS
51 GEARING
52 GENERAL
53 GENERATING

54 GENERATOR
55 GENERATOR/ALTERNATOR
56 GIVEN
57 GIVES
58 GIVES

1
27
8
1

GOUGE
GOUGES
GOVERNOR
GUIDE
GUIDES

1
4
1
2
3

SUN
HILF
MILFMY
HALVES
HAMPER

12
1

HIND
MIND

6

H/KOWRE
HARNES

3
1
6
1

HARNESSES
HAPNISCHFEGER
H/WESTER
HAF
HIVE

1
2
1
1
2

HAZARD
HEAD
HEATED
HEATING
HEAVY

2
3
2
2
1

HERE
HI-TEMPERATURE
HIGH
HIGHER
HILLOPS

1
2
47
1
2

HIX
HO
HOIST
HOIST/LOWERING
HOLD

4
1
7
3
3

HOLDER
HOLDERS
HOLDING
HOLF
HOLES

5
1
1
1

HONE
HONING
HOCK
HOCK
HORIZONTAL

1 HORN
2 HORNSEPOWER
3 HORNSE
4 HORNSE
5 HORNSE

2 HUGH

1 HULSE
2 HULSE
3 HULSE
4 HULSE

2 HUN
3 HUN
4 HUN
5 HUN

5 HURFF-WARCO
6 HURFF-WARCO

2 HUN'S

1 HUN'S
2 HUN'S
3 HUN'S
4 HUN'S
5 HUN'S

53 HYDRAULIC

1 HYDRAULIC
2 HYDRAULIC
3 HYDRAULIC
4 HYDRAULIC
5 HYDRAULIC

1 I-BFAN
2 I-BFAN
3 I-BFAN
4 I-BFAN
5 I-BFAN

1 IX
2 IX
3 IX
4 IX
5 IX

1 JECT
2 JECT
3 JECT
4 JECT
5 JECT

1 JOINT
2 JOINT
3 JOINT
4 JOINT
5 JOINT

1 JUSTING
2 JUSTING
3 JUSTING
4 JUSTING
5 JUSTING

1 KETS
8 KEY
KEYWAY
98 KIT
6 KX-1002

3 LANC
1 LAR
4 LARCE
4 LAY
4 LEAD

LEADS
6 LEAK
LEAK-OFF
4 LEAK-OFF

14 LEAKAGE
1 LEAKING
29 LEAKS
2 LEAN
2 LEAST

1 LEAVES
4 LEFT
3 LENGTH
2 LESS
1 LET

~~LETTERING~~
5 LETURNEAU-WESTINGHOUSE
40 LEVEL
2 LEVELS
34 LEVER

9 LEVERPS
5 LIFE
13 LIFTING
6 LIFTING/LOWERING
5 LIGHT

1 LIGHTEN
LIGHTS
LIFTING
3 LINDFR
2 LINDERS

51 LINE
2 LINEAR
LINED
36 LINGS
33 LINING

3	LININGS
1	LINITY
1	LINK
1	LINKAGE
1	LINKS
2	LIP
2	LIPS
5	LIQUID
4	LIS-CHALMERS
1	LIST
16	LISTER
2	LYX
4	LOAD
5	LOADER
5	LOADING
5	LOCATE
5	LOCATED
1	LOCATING
5	LOCATION
1	LOCATIONS
20	LOCK
1	LOCKED
1	LOCKER
3	LOCKING
25	LOCKOUT
3	LOCKNUTS
2	LOCKING
1	LOCKPIG
1	LOCKPIGGS
1	LOCKS
5	LOCKWASHER
4	LOCKWASHERS
2	LOCKWIRE
2	LOG
1	LOGICAL
1	LOGI
2	LONG
2	LONGER
2	LOCK
14	LOOSE
22	LOOSFM
1	LOCSFWMG
1	LOSE
2	LOSS
1	LOST

50	LOW
1	LOW-SPEED
17	LOWER
2	LOWE
6	LOW-CAJNT
5	LUBRICATE
8	LUBRICATING
5	LUBRICATION
	LUG
3	LV
	LVCT
3	LX
1	LXX
2	L-METER
1	4-22
39	4AR
7	4MCPME
1	4MCHMFD
16	4IDE
	4C
1	MAGNETC
2	MATN
1	MATN 2IN
1	MAINTAINED
236	MAINTENANCE
1	MAINTENANCE
	MAJCE
2	MAKE
2	MAKING
7	MALE
23	MAFUNCTION
1	MAFUNCTIONS
2	MALETT
	MALETT
95	MANAGEMENT
2	MANICE
8	MANEUVER
1	MANEUVERING
1	MANEUVERS

4 MANIFOLD

6 HANDED

MANUAL

MANUAL

210 MANUALLY

37 MANUFACTURERS

38 MANUFACTURERS

40 MANUFACTURERS

1 MARGINAL

2 MARGINAL

3 MARGINAL

4 MARGINAL

5 MARGINAL

6 MARGINAL

7 MARGINAL

8 MARGINAL

9 MARGINAL

10 MARGINAL

11 MARGINAL

12 MARGINAL

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30 MARGINAL

31 MARGINAL

32 MARGINAL

33 MARGINAL

34 MARGINAL

35 MARGINAL

36 MARGINAL

37 MARGINAL

38 MARGINAL

39 MARGINAL

4 MIL-S-2492

5 MILITARY
6 WITH JONES
7 MINFO

8 MINIMUM
9 MINIMUM
10 MINUS
11 MINUTE
12 MINUTES

13 MISSING
14 MISSING
15 MISSION
16 MISSED

17 MOBILE
18 MODEL
19 MODELS
20 MODULE
21 MODULE
22 MOISTURE

23 MONITORED
24 MOOSE
25 MUST
26 MUST
27 NOTER
28 AUTHORIZED

29 MOUNT
30 MOUNT

31 MOUNTAINS
32 MOUNTAINS
33 MOUNTAINS

34 MOUNTAINS
35 MOUNTAINS
36 MOVE
37 MOVED
38 MOVEMENT

39 MOVING
40 MUCH
41 MUFFLER
42 MULTIMETER
43 MULTIPLE

44 MUST
45 MUST
46 MUST

47 NANCE
48 NATURE

95	OIL	
3	OIL-TYPE	
3	OUT	
	OUT-CF-ROUND	
	OUT-CAFU	
14	OUTER	
1	OUT-FOURIFT	
22	OUTLET	
3	OUTLINED	
9	OUTPUT	
1	OUTSIDE	
27	OVER	
2	OVERALL	
	OVERSCOPE	
	OVERFILLED	
2	OVERSICE	
1	OVER-TIGHTENED	
5	OVERTRAVEL	
19	P&C	
	P-3-66	
2	P/M	
4	PACE	
1	P&C	
14	P&CKING	
4	P&CKINGS	
2	P&CKNS/SEGMENTS	
3	P&D	
1	P&DS	
2	P&GES	
	PAIRER	
2	P&VPHLET	
5	P&U	
8	P&N&L	
1	P&N&LS	
	P&NS	
20	P&PER	
630	P&RA	
2	P&R&L&L	
1	P&R	
1	P&RKED	
7	P&RKING	
10	P&RT	
4	P&RTICLES	
1	P&RTICULAR	

99 PARTS/COMPONENTS
 2 PASSAGE
 1 PASSAGEWAYS
 1 PAST

1 PAVING

12 PEUOL

3 PENCIL

6 PIP

1 RECEIVED

55 PERFORM

179 PERFORMANCE

4 PERFORMED

2 PERFORMANCE

PERMINE IT

PERMISSIBLE

5 PERSONNEL

2 PETROLEUM

OFFICE

3 PILLER

7 PILC

23 PIN

2 PINCH

6 PINION

4 PINIONS

23 PINS

3 PIPE

2 PIPES

35 PISTON

5 PISTONS

5 PISC

2 PITTING

1 PIVCT

15 POKET

15 PONY

3 POINTER

7 POINTS

POLISH

1 POLLUTION

4 P38

2 PORT-A-POWER

1 PORTS

48 POSITION
POSITIONS
POSTAL
POST-CHARGING
POST-PAID

2 POUND
POUNDS

45 PUNCH
PUNCHES
PUBLICATION
PUBLICATIONS

95 PULL

5 PULLER
2 PULLERS
10 PULLEY

PULLEYS
1 PULLING
24 PUMP
12 PUMPED
12 PUMPS

3 PUNCH

4 PUSH
PUTTING
PUMPS

4 QUALIFIED

1 QUICK
2 RICE
2 RICES
5 RICK

9 RADAR

5 RAGS
1 RAILROADS
1 RAIN

19 RAISE

4 RAISE/
27 RAISE/LOWER
3 RAISED
RANC

4 NAVIGATE
3 NEAK
2 NEAREST
1 NEATLY
NEC

NECESSARY
2 NECTIONS
4 NEED
3 NEEDED

NEEDLE
1 NEEDLES
2 NENTS
1 NESS
1 NETA

NEUTRAL
2 NEW
2 NEXT
5 NICAL
3 NICKS

NITRON
4 NITROGEN
0 NO
2 NOISE
2 NOISES

NONE
2 NORMAL
36 NUT
19 NOTE
2 NOTED

NOTING
4 NOW
6 NOZZLE
3 NOZZLES
3 NULL

NUMBER
231 NUMBERED
1 NUMBERS
1 NUMBERS
1 NUMBERS
NUMBERS-235-1276
NUMERICAL

NUT
30 NUTS
17 NUTS
1 NUTS
2 NUTS
2 NUTS

7	RANGE
4	CATCHET
4	RYE
4	CA'FO
5	RAT'D
1	RATER'S
1	RATES
1	RATING
1	PA'ING
2	PAWHIDE
4	REACH
2	REACHED
3	REACHES
4	RFID
14	READING
5	READJUST
1	READY
1	REALIGNING
18	REAP
27	REASSUMBLE
9	RECEMPLY
1	RECEPTICLE
2	RECHECK
2	RECOGNIZE
2	RECONNECT
5	RECORD
25	RECORDED
1	RECORDS
1	RECORDED
1	REC.
1	RECTIFIER
1	RECYCLE
1	REDUCE
1	REFLS
2	REFRAGE
2	REFER
4	REFERENCE
97	REFERENCES
3	REFILL
2	REGISTER
1	REGISTERS
4	REGULATING

REGULATIONS

10 REGULATOR
5 RELAY
20 RELEASE
5 RELEASED

10 RELEASING
5 RELIEF
5 RELIEVE
1 REPAIRING
1 REPAIRING

1 REMOVE
2 REMOVE
12 REMOVAL
20 REMOVE

24 REMOVED
4 REMOVING
1 REMOVE
14 REPAIR
2 REPAIRER
3 REPEAT
2 REPAIRING
20 REPLACE
3 REPLACED

4 REPLACEMENT
10 REPLACING
5 REPLY
2 REPORTS
16 REQUIRED

37 REQUIREMENTS
2 REQUIRES
1 REQUIRING
27 RECOVER
3 RESET

2 RESISTANCE
2 RESPONSE
1 RESTORE

10 RESULT
14 RESULTS
2 RETAINERS
7 RETAINING

1 RETRACT
33 RETURN
1 REVERSE
1 REVERSING
1 REVOLUTION

1 REVOLUTIONS
1 RIDGED
2 RIDGES
2 RIGHT
2 RIGHT-HAND

1 RIM
23 RIMS
14 RING
14 RINGS

1 PIVET
10 PIVETED
1 PIVETING
1 PIVETS
54 PIVOT

1 RODS
3 RUCKER
32 ROD
4 RODS
10 ROLLER

1 POLYMER-TO-ROLLER
2 ROOM
5 POCOS-MASTER
1 ROPE
15 ROTARY

14 ROTATE
5 ROUGH
3 ROUGHLY
1 ROUGHNESS
1 RUB

1 RUBBER
2 RUN
1 RUNNING
2 RUST
1 SA-25

1 SADDLES
1 SAFE
1 SAFETY
10 SAYS

1 SUBSYSTEM
2 SUBU
3 SUBU-5202
4 SUCH
5 SUTTION

2 SUMS

4 SUITABLE

5 SUM

3 SUMMIES

5 SUM

6 SUPERSTRUCTURE

4 SUPPLY

83 SUPPLY

12 SUPPLEMENTS

4 SURFACE

7 SURFACES

4 SUPERBUILDINGS

11 SUSPENSION

33 SYSEN

33 SYSTEM

5 SYSTEMS

2 T BIL

2 T CHOMETER

6 TAG

3 TAGS

6 TAGGED

6 TAKE

2 TAKING

22 TANKS

6 TANGEN

14 TANK

2 TANKS

2 TAP

2 TAPE

1 TAPED

244 TASK

3 TASKS

33 TEE

TECHNICAL
TECHNICAL

237 VERMONT

4 TEE

4 TEETH

9 TEN

1 TEMPERATURE

7 TEMPERATURE
TEMPERATURE

1 TEN

12 TENANCE

2 TENCE

8 TENSION

4 TEP

TERMINAL

1 TERMINALS

4 TERMINED

4 TEPILLAR

9 TEPERIN

TERS

49 TEST

TEST-COMPLETED

2 TESTED

13 TESTER

6 TESTING

1 TPL

14 TICK

0 TIE

3 TIGHT

32 TIGHTEN

TIGHTENED

TIGHTENING

1 TIGHTLY

1 TILTED

9 TIME

3 TIMES

11 TIMING

1 TONG

2 TIMIDITY
32 TION
TIONS
TIPS
TYPE

17 TIARD
6 TIFES
433 T)

4 TCF
1 TCEHNER

3 TGGLE
5 TOLERANCES
19 TCH

3 TONS
2 TOO

03 TOOL
3 TOCLS
TJOTH

0 TCF
TOPCGRPHIC

3 TOR
1 TOSILY
47 TOLQUE

TAKOUING
1 TCE SIGNAL

2 TOTAL
1 TOTALS
1 TOUCH

2 TOUCHES
1 TOW

1 TOWARD
1 TUME
6 TUBES

3 TURTIG
1 TUGS

1 TURE
47 TURN

4 TURNED
5 TURNING

5 TURNS
22 TYPE
2 TYPED

1 TYPES
U-BCLTS

U-200000

UAL

UAG

JEG-08515

UFG-08515

UJMPD

V-RELT

V-RELT

V-RELT

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151

WEAR
WEARINESS
WEAR
WEARING
WEATHER

WEATHERWORN
WEAVER
WEDGES
WEIGHT
WELDED

WELDS
WELL
WEST
WESTINGHOUSE
WEST

WIDELY
WILL
WITCH

WIPER

WIRE
WIRES
WIRING
WISE
WITH

WITHIN
WITHOUT
WOOD
WOODEN
WOODKUFF

WORK
WORKING
WORK
WITHIN
X1

XII
XIII
XIV
XIX
XV

XVI
XVII
XVIII
XX
XXI

1	XXII	
2	XXI	
3	XX	
4	XX	
5	XX	
6	XX	
7	XX	
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98	XX	
99	XX	
100	XX	

[illegible]

FREQUENCY/WORD

WORD FREQUENCY DISTRIBUTION

FREQUENCY/WORD

PPF JUEICY/WORD

6	ACCT	6	CORP	15	DURING	16	FIG
6	LISTED	6	MODE	16	MARKS	16	REQUIP
6	SERVICABILITY	6	VLT	15	BOLT	15	PURER-WARCO
15	LUBRICATION	15	METAL	15	PAGS	15	ACTARY
15	ONE	15	SOME	15	SURCOUSES	15	VALVES
15	WOM	14	CIRCUIT	14	DISCARD	14	FILL
14	LEAKING	14	LEFT	14	LOOSE	14	CUTER
14	PICKING	14	READING	14	ACTAINER	14	RINGS
14	ROUTE	14	SUITABLE	14	TANK	14	TICK
14	WASHER	14	WASHERS	14	XVI	14	AXLE
13	CAN	13	CENTER	13	COTTER	13	EFFECTIVE
13	DIFF	13	LEFTING	13	MECHANICAL	13	MOUNT
13	WAZLE	13	DE	13	PUMPS	13	SECURE
13	SERVIFE	13	SYSTEMS	13	TENANCE	13	TESTER
12	V	12	XV	12	CONDITION	12	DEFECTS
12	FIELD	12	G.SOLINE	12	H ND	12	PAKE
12	MAY	12	NEUTRAL	12	PEDAL	12	REMOVAL
12	PIGHP	12	SD	12	SUPE	12	TURP
12	ALL	12	WIKES	12	XVII	12	XVIII
12	TRICE	12	DEVICES	12	GEARS	12	XVII
11	JACK	11	LINING	11	MARINE	11	RETURN
11	SUSPENSION	11	TIMING	11	WELDED	11	CAPSCREWS
10	CONT	10	COMPONENT	10	CONTINUITY	10	CUP
10	CURE	10	DISTANCE	10	FILTER	10	FOUR
10	GARETS	10	HARNISCHFEGER	10	HIGH	10	WALL
10	PULLY	10	NO	10	PAPER	10	PATT
10	RIVETED	10	REGULATOR	10	RELIEF	10	REPLACING
10	TIE	10	SAME	10	SEAL	10	SEQUENCE
10	WELLS	10	TION	10	VOLTAGE	10	XII
9	CONVERTER	9	BACK	9	BLAD	9	ECTH
9	CUPP	9	DIFFERENTIAL	9	LEVERS	9	MILITARY
9	TIME	9	REASSEMBLY	9	TEM	9	TERRAIN
9	BUILD	9	YOUR	9	BATTERY	9	REGY
9	DEPRESS	9	COOLER	9	COORDINATE	9	COVERS
9	KEY	9	GAIN	9	GUIDE	9	FUR
9	NOZZLES	9	LUBRICATING	9	WATER	9	MEATPS
9	SERVICES	9	PANEL	9	REGULATOR	9	SECURELY
9	YOK	9	BOX	9	V-BELT	9	XXVI
7	CAPSTER	7	CONDITIONS	7	BUSHINGS	7	CIP
7	FAST	7	HOLDING	7	CONTROLS	7	CAVEY
7	PILOT	7	POINTS	7	MACHINE	7	WALE
7	SERVICABLE	7	SURFACES	7	PAGE	7	SEE
7	WRT	7	XIX	7	TEMPERATURE	7	VENT
7	BATTERIES	7	BELOW	7	XXVI	7	XX
6	CAPS	6	COMPRESSION	6	ADITION	6	CAL
6	CORRECT	6	CYLINDERS	6	CON	6	CONCRETE
6	FEWALE	6	FIGURE	6	DEPRESS	6	EXCESSIVE
6	FOREIGN	6	FULLY	6	FINAL	6	FITTING
6	JONES	6	KEEP	6	HARDWARE	6	MSS
		6		6	KX-1502	6	LEIN

6 LIFT LOWERING
6 MENT
6 MENT
6 SEALANT
5 SFE
5 TAKE
6 TUBES
6 TUBES
3 CIRCLE
5 COUNTERCLOCKWISE
5 DUTY
5 FULLER
5 HELLIGS
5 LIGHT
5 LOCATION
5 MACHINEL
5 PACE
5 RELIEF
5 RECA-MASTER
5 TABLE
5 WAREPAGE
5 XAV
4 BFF
4 COTEC
4 COURSE
4 DEFS
4 DURING-OPERATION
4 F
4 FUNCTIONAL
4 HELDER
4 LEAD
4 LEAD
4 LEAD
4 MACHINEL
4 PERFORMED
4 QUALIFIED
4 FEICH
4 RELEASD
4 SEAT
4 CRY-TOGT
4 OUTFACE
4 TETH
4 TURNED
4 X111
3 BELLS
3 CASES
3 COMPS
3 CROGION

6 LUBRICANT
6 MOTOR
6 PEK
6 SECURING
6 SQUARE
6 TANGEN
6 WITHIN
5 BEING
5 CONTACT
5 DIRECTION
5 EXHAUST
5 GO
5 JUST
5 LIQUID
5 LOCKWASHER
5 NICAL
5 PISTONS
5 RITES
5 REAMING
5 FUGH
5 TOLERANCES
5 WATERPROOFING
4 BALL
4 BUFFALO-SPRINGFIELD
4 CABLES
4 CONNECTION
4 DIPT
4 EUAL
4 FELT
4 GIN
4 LACK-OFF
4 LOCKWASHERS
4 MIL-S-2000
4 PEE
4 PINIONS
4 RAISE/
4 REID
4 REMOVING
4 SECONDS
4 SOLUTION
4 SURROUNDINGS
4 TER
4 TURNING
3 PINOS
3 CABLE
3 CAFE
3 CONTINUOUSLY
3 COUPLING

6 MANER
6 MOVEMENT
6 PINION
6 SOAP
6 SUPERSTRUCTURE
6 TESTING
6 XIV
5 WIRE
5 CORE
5 DIES
5 FEATURE
5 HONE
5 LETOURNEAU-WESTINGHOUSE
5 LOADING
5 LUBRICATE
5 OVERTRAVEL
5 PITS
5 READJUST
5 REPEAT
5 SARY
5 TUNING
5 WELL
4 BAR
4 BURKS
4 COCKS
4 CONTAINER
4 D-TE
4 DISTORTION
4 EVALUATION
4 FOLLOW
4 LARGE
4 LINK
4 MANIFOLD
4 NAVIGATE
4 PACKINGS
4 PATE
4 REFERENCE
4 REPLACEMENT
4 SEPARATE
4 SUCH
4 TERPILLAR
4 NET
3 CAPACITY
3 CATHALK
3 COOL
3 CONDITIONS

6 MECHANISM
6 NORMAL
6 RECCD
6 SECRET
6 TAG
5 TIPS
5 JACKING
5 CAUSING
5 COUNT
5 DOWN
5 FEATURES
5 HCT
5 LIFT
5 LOCATE
5 MATERIAL
5 PIA
5 PULLER
5 RELAY
5 REPORT
5 SELECTOR
5 TURNS
5 WORKEN
5 PASTIC
4 ELTICA
4 COMPANY
4 CAMPING
4 DIVISION
4 EXPIRIOR
4 FECT
4 PLEF
4 LAY
4 LIS-CHALMERS
4 PRESSURE
4 NEED
4 PORTCLES
4 PUSH
4 RTTC
4 REGULATING
4 ACES
4 SEPARATOR
4 SUPPLY
4 TEE
4 TOE
4 WIPEP
3 RECCS-OPERATION
3 CAMSCREW
3 CCNE
3 COORDINATES

WORD FREQUENCY DISTRIBUTION
FREQUENCY/WORD

FREQUENCY/WORD

FREQUENCY/WORD

3	DISCHARGE	3	DISCHARGE	3	DISCHARGE
3	DUCT	3	DUCT	3	DUCT
3	EXPANDER	3	EXPANDER	3	EXPANDER
3	FEET-POUNDS	3	FEET-POUNDS	3	FEET-POUNDS
3	GASOLINE-DRIVEN	3	GASOLINE-DRIVEN	3	GASOLINE-DRIVEN
3	HI-TEMPERATURE	3	HI-TEMPERATURE	3	HI-TEMPERATURE
3	JOLLY	3	JOLLY	3	JOLLY
3	LINGER	3	LINGER	3	LINGER
3	LOCKRAITS	3	LOCKRAITS	3	LOCKRAITS
3	MAKING	3	MAKING	3	MAKING
3	MCUNTS	3	MCUNTS	3	MCUNTS
3	NICKS	3	NICKS	3	NICKS
3	PAC	3	PAC	3	PAC
3	PCINTER	3	PCINTER	3	PCINTER
3	REACHES	3	REACHES	3	REACHES
3	RESFT	3	RESFT	3	RESFT
3	SEATS	3	SEATS	3	SEATS
3	TAGS	3	TAGS	3	TAGS
3	TIMES	3	TIMES	3	TIMES
3	TCR	3	TCR	3	TCR
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3	XX	3	XX	3	XX
3	ALICUTIVE	3	ALICUTIVE	3	ALICUTIVE
3	BCCAUSE	3	BCCAUSE	3	BCCAUSE
3	POKES	3	POKES	3	POKES
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3	GAP	3	GAP	3	GAP
3	HARNESSES	3	HARNESSES	3	HARNESSES
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3	LX	3	LX	3	LX
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3	PACK	3	PACK	3	PACK
3	PIPE	3	PIPE	3	PIPE
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3	4 G	3	4 G	3	4 G
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3	CANNOT	3	CANNOT	3	CANNOT
3	CASE/COVERS	3	CASE/COVERS	3	CASE/COVERS
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3	DOORS	3	DOORS	3	DOORS
3	EVCKY	3	EVCKY	3	EVCKY
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3	FATHNER	3	FATHNER	3	FATHNER
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3	REPLACED	3	REPLACED	3	REPLACED
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3	SECREWS	3	SECREWS	3	SECREWS
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3	TOYS	3	TOYS	3	TOYS
3	TUBE	3	TUBE	3	TUBE
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3	YOKES	3	YOKES	3	YOKES
3	BUBBIT	3	BUBBIT	3	BUBBIT
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3	CALIBRATE	3	CALIBRATE	3	CALIBRATE
3	CAREFULLY	3	CAREFULLY	3	CAREFULLY
3	CASTING	3	CASTING	3	CASTING
3	CLIMBING	3	CLIMBING	3	CLIMBING
3	CONTAINERS	3	CONTAINERS	3	CONTAINERS
3	DAYLIGHT	3	DAYLIGHT	3	DAYLIGHT
3	EXCEEDS	3	EXCEEDS	3	EXCEEDS
3	EXCHANGE	3	EXCHANGE	3	EXCHANGE
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3	FIND	3	FIND	3	FIND
3	GAUGES	3	GAUGES	3	GAUGES
3	HERE	3	HERE	3	HERE
3	HOUGH	3	HOUGH	3	HOUGH
3	LEW	3	LEW	3	LEW
3	LEAN	3	LEAN	3	LEAN
3	LINDERS	3	LINDERS	3	LINDERS
3	LIX	3	LIX	3	LIX
3	LONG	3	LONG	3	LONG
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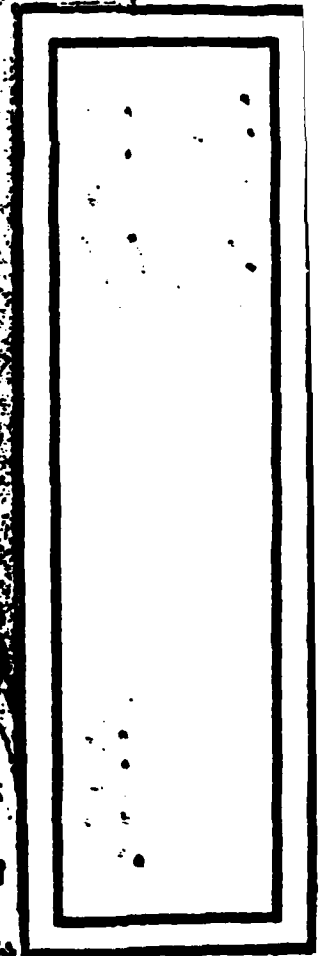
DISTRIBUTION

FREQUENCY / WCD

FREQUENCY/MC:

REF ID: A58163

[illegible]



1 AGN
 1 ADVANCED
 1 ADVANCEMENT
 1 AFTER
 1 AFTER-OPERATION
 4 AGAIN
 9 AGAINST
 3 AGE
 1 AGED
 1 AGENT
 9 AL-J
 1 ALCOHOL
 7 ALIGH
 1 ALIGH-J
 2 ALIGNED
 1 ALIGNING
 10 ALIGNMENT
 12 ALINE
 2 ALINED
 2 ALING
 1 ALPALINITY
 233 ALL
 2 ALLCH
 2 ALLIS-J
 11 ALLIS-CHALMERS
 12 ALLOW
 12 ALLOWING
 1 ALLOWING
 2 ALLONG
 2 ALREADY
 2 ALS
 1 ALSO
 3 ALWAYS
 49 AMERICAN
 3 AMOUNT
 90 AM
 1 ANALYZE
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 3 AND/OR
 3 ANGLE
 62 ANNOTATE
 1 ANOTHER
 4 ANTIFREEZE
 2 ANTIFREEZE
 17 ANTITURQUE
 17 ANTITURQUE

109	APPLICABLE
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6	APPROPRIATE
16	APPROVED
4	APPROXIMATELY
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5	APE
15	AREA
1	AREAS
5	ARM
5	ARMS
103	ARMY
11	AROUND
1	ARRIVAL
1	ARRIVED
54	AS
2	AS- J
1	AS- JSEBLY
91	ASSAULT
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5	ASSEMBLIES
1	ASSEMBLING
89	ASSEMBLY
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2	ATE
1	ATMOSPHERE
6	ATTACH
2	ATTACHED
2	ATTENTION
4	AWAY
202	B
25	HF-FMC-1
3	BLACK

3 BLADE
 1 BLADES
 2 BLANK
 15 BLED
 15 ELLED
 4 BLEEDER
 29 BUCK
 2 PLUCKING
 11 PLUCKS
 1 PLUG
 4 BLY
 15 SHACKET
 120 BRAKE
 13 BRAKES
 1 BRAKESHOE
 2 BRAKING
 1 BREAKER
 2 BREATHER
 23 BRIDGE
 50 BRIDGE/FERRY
 1 BRIEFLY
 6 BRING
 23 BRUCKEN
 1 BUNZE
 144 C
 17 CFI
 9 CHAIN
 2 CHAINS
 2 CHAINERS
 8 CHAMBER
 2 CHAMBERS
 2 CHANGE
 1 CHANGED
 8 CHAUNICIS
 410 CHAP
 1 CHAPTER
 1 CHARGE
 1 CHARGED
 9 CHARGING
 1 CHATTER
 175 CHECK
 1 CHECKED
 4 CHECKS
 4 CHIPPED
 1 CHIPPING

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12	CHIPS
1	CHLORIDE
7	CHUCK
2	CHURNATE
1	CJT
1	CL
3	CLAMP
3	CLAMPS
27	CLANK
51	CLEAN
2	CLEANERS
3	CLEANING
2	CLEAR
10	CLEARANCE
1	CLEARs
3	CLEVIS
1	CLEVISES
1	CLIPS
1	CLICK-J
7	CLICKWISE
1	CLOGGED
15	CLOSE
1	CLOSED
1	CLOSEST
1	CLOSING
1	CLOTH
13	CLUSTER
110	CLUTCH
2	CLUTCH-DRIVEN
1	CLUTCH/BRAKE
12	CLUTCHES
3	CRACKED
27	CRACKS
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4	CRANKSHAFT
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2	CRIN
6	CRIBING
1	CRIMP
1	CRITICAL
1	CRUMETER

1 CROW
1 CA
1 C930A
1 D

1 DC
1 CC
2 DA-600
4 DWAG
40 DRAIN

1 DRAINAGE
1 DRAINED
1 DRAINS
4 DRAULIC
2 DRAJ

22 DRAWBAR
1 DRESS
1 DRIPT
4 DRIP
61 DRIVE

51 DRIVEN
2 DRIVER
2 DRIVING
1 DRIP
1 DROPS

13 DRUM
2 DRUMS
17 DRY
24 DS
2 D7

9 D7E
29 D7F
1 DB
48 DOK
114 E

1 EBO
2 ECCENTRIC
2 EDGE
5 ELECTRIC
10 ELECTRICAL

15 ELECTRO-HYDRAULIC
1 ELECTROHYDRAULIC
2 ELEVATOR
1 ELIMINATED
1 ELLIPT

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1	EMBEDDED
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1	EMERY
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1	ENCOUNTERED
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7	ENGAGE
2	ENGAGED
7	ENGAGING
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126	ENGINE
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1	ENINGS
4	ENLISTED
13	ENOUGH
1	ENSURE
5	ENTER
7	ENTIRE
2	ENTRANCE
5	ENTRIES
1	ENTRY
7	EPAL
1	ERATION
3	ESCAPE
1	ESSARY
2	ESTABLISH
1	ESTIMATION
1	ETV
1	EV-OM
67	F
5	FLAIGE
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2	FLAKE
2	FLAT
1	FLATOR
1	FLOAT
2	FLOATING
9	FLOOR
15	FLOW
1	FLUCTUATING

17	FLUID
245	FLUSH
	FLY-J
	FLY-HEEL
	FK
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1	FHS-0281/2
1	FFRACTURES
7	FPAGE
2	FRAIK
5	FRAYED
9	FREE
1	FREE-TRAVEL
1	FREELY
1	FREQUENCY
163	FRGM
23	FRONT
2	FSH
1	F1500H
53	G
1	GLAZED
1	GLOSSARY
3	GPI
2	GRANE
53	GLADER
1	GRADUALLY
2	GRAPHIC
1	GRASP
1	GRATING
1	GRAVITY
2	GPAY
4	GREASE
1	GREATER
16	GRID
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29	GROUN
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1	GROUND
25	GS
40	H
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1	HCC
1	HP
50	I

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67	IF
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4	IGNITION
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4	IMPEDED
1	IMPENDING
1	IMPORTANT
2	IMPROVER
435	IN
4	IN- J
1	IN- JSTALLED
1	INBOARD
1	INCH
3	INCHES
1	INCLUDING
2	INCREASE
4	INDICATE
4	INDICATED
1	INDICATES
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2	INDICATIONS
12	INDICATOR
13	INDIVIDUAL
1	INDIVIDUALS
3	INDOPER
33	INDUSTRIAL
1	INFLATE
1	INFLATING
1	INFORMATION
15	ING
1	INGER- J
1	INGERSOLL
1	INJECT- J
11	INJECTION
40	INJECTOR
6	INJECTORS
3	INK
14	INLET
13	INNER
1	INOPERABLE
3	INPUT

12	INSERT
1	INSIDE
13	INSPECT
	INSPECTION
171	INSTALL
1	INSTALLATION
9	INSTALLED
2	INSTALLER
1	INSTALLING
3	INSTRUMENT
1	INSTRUMENTS
4	INSULATION
3	INSURE
2	INSURING
3	INTAKE
1	INTERCHANGED
1	INTERMEDIATE
2	INTERVAL
1	INTERNATIONAL
4	INTERPRET
17	INTERPRETING
3	INTERVAL
27	INTRODUCTION
1	INCH
107	ISS
1	ISSUED
20	ITEM
53	ITEMS
1	ITS
9	ITV
2	ITV
24	J
1	JD410
21	JD410
9	K
2	KID385
1	KNOT
2	KNOW
1	KNOWLEDGE
1	KNOWN
1	KSE

AD-A121 070

JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 62B
CONSTRUCTION EQUIPMENT. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 13 MAR 78

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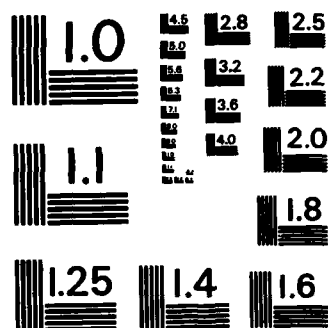
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NL

END

FILED

DTIC



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

0	L	LSPECT
1	1	LSL
2	1	LST
2	2	LS2
2	2	LS3
2	2	LS4
3	3	LS5
3	3	LS6
4	4	LS7
1	1	ML-9-11031
1	1	PL5URPV
5	5	M32T2
1	1	M32T2
1	1	M4EO
4	4	M4E00C
3	3	M
33	33	Q
2	2	OP-J
2	2	OBJECT
2	2	OBJECTIVE
2	2	OBJECTS
3	3	OSERVE
1	1	OSERVED
2	2	OTAIN
2	2	OTAINED
1	1	OC
1	1	OCURS
323	323	OF
24	24	OFF
1	1	OFF-HIGHWAY
3	3	OLU
233	233	ON
2	2	ONCE
33	33	ONE
1	1	ONE-HALF
0	0	ONLY
2	2	OP-J
13	13	OPEN
1	1	OPENED
5	5	OPENING
7	7	OPENINGS
1	1	OPENIS
1	1	OPENA-J
1	1	OPENA-JTION

10	OPERATE
	OPERATED
23	OPERATING
5	OPERATION
	OPERATIONAL
2	OPERATIONS
143	OPERATOR
6	OPERATORS
1	OPERATORS
1	OPFU- J
1	OPY
203	OK
73	OPD
33	OPCR
1	OPCINATE
143	ORGANIZATIONAL
3	ORIENT
1	ORIENTATION
4	ORIENTED
13	OTHER
1	OR915
299	P
1	PCV
1	PHOTOGRAPH
53	PLACE
1	PLACED
3	PLALET
2	PLANETARY
29	PLATE
1	PLATED
9	PLATES
3	PLATFORM
2	PLETEC
3	PLIERS
1	PLOT
1	PLETTED
1	PLUTTING
21	PLUG
1	PLUGGED
11	PLUGS
9	PLUNGER
1	PLUNGERS
2	PLUS
14	PNEUMATIC
172	PP

1	PRE- J
6	PRECAUTIONS
1	PPENETER- J
4	PPENETERMINED
4	PPERFORMED
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11	PREPERATIONAL
14	PREPARATION
2	PREPARE
2	PRES- J
2	PRESCRIBED
2	PRESENT
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1	PRESSING
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69	PROPER
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1	PROTECTORS
1	PROVIDE
1	PROVIDED
2	PRY
23	PSI
2	PT

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3	2	SCALES
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	17	SCHEMATICS
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	4	SCORE
	5	SCORES
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	2	SNATCHES
	1	SCREEN
	1	SCREENS
	31	SCHEM
	1	SCHEMED
	1	SCREWHEADS
	15	SCREWS
	2	SCALOE
	41	SHAFT
	15	SHAFTS
	7	SHELL
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	1	SHOCK
	1	SHOCKS
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	2	SHORTEN
	19	SHOULD
	1	SHOULDER
	1	SHOVEL
	2	SHOUL
	1	SHOUL
	2	SHOUL

2	SHROUD
3	SHROUDING
3	SHUT
1	SHUTDOWN
7	SHUTUFF
1	SHUTTLE
14	SLACK
2	SLAVE
7	SLAVING
14	SLEEVE
1	SLEEVES
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6	SLIDE
2	SLIDING
2	SLIGHT
2	SLIGHTLY
1	SLING
1	SLINGER
3	SLIP
1	SLIPPING
1	SLIPRING
1	SLUT
1	SLUTS
1	SLUM
4	SLOWLY
1	SLUDGE
6	SMALL
1	SMALLEST
4	SMITH
1	SMUTH
1	SMOOTHLY
6	SNAP
3	SNAPRING
2	SNAPKINGS
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1	SPACERS
3	SPANNER
4	SPARK
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6	SPECIFICATION
39	SPECIFICATIONS

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2	SPEED
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1	SPIN
1	SPLINE
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1	SPLIT
2	SPULL
6	SPUTS
27	SPRING
17	SPRINGS
1	SPADKEY
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3	STALL
1	STALLED
31	STAND
5	STANDARD
93	STANDARDS
3	STANDS
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9	STARTER
18	STARTING
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1	STOPPED
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1	STRAIGHT

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1	STRAPS
1	STRENGTHS
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1	SPRING
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1	STAMPED
8	SPOKE
1	STROKES
1	STRUCTURE
2	STUDS
2	SUING
35	SWITCH
3	SWITCHES
1	SAJVEL
1	SBU
2	T
3	TR
1	TUC
1	TCZO
8	THAN
21	THAT
1,472	THE
3	THEN
11	THEM
4	THERE
1	THEREFORE
7	THERIOSTAT
1	THESE
1	TWIRD
17	THIS
3	THU- J
1	TIL- JROUGHLY
9	THOROUGHLY
2	THREAC
2	THREADED
4	THREADS
1	THREE
6	THROTTLE
15	THROUGH
3	THROUGHT
231	THRU
7	THRUST

422	TP	TRACK
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5		TRACTOR
		TRAILER
14		TRAIN
1		TRAIT
2		TRAITS
1		TRANS-J
3		TRANSFER
2		TRANSFERS
1		TRANSIT-J
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5		TRANSMISSIONS
2		TRANSIT-J
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7		TRAVEL
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1		TRUCK-MOUNTED
1		TRY
1		TRY
2		TEEN
13		THU
1		TWO-WHEEL
1		UKA
1		UK-J
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1		UNDERSTAND
41		UNIT
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1 1 TUC

1 1 THAD

1 1 THAS-J

1 1 THUCK-UNITED

1 1 UN-J

1 1 UN-AL

1 1 UN-LICK

1 1 UN-SIGNED

1 1 UPPEL

1 1 XL

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1 1 STRUCTURE

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1 1 THU-JRUGHLV

1 1 THUSIS-J

1 1 TRY

1 1 UNDERSTAND

1 1 UNLESS

1 1 UNLUCKED

1 1 UNSECURE

1 1 UTILIZING

1 1 XL

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1 1 THEREFORE

1 1 THREE

1 1 TRANSHITTERS

1 1 TRANSMITTER

1 1 UNIT'S

1 1 UNLAD

1 1 UNPLUG

1 1 UNSERVICEABLE

1 1 WRECKED

1 1 XLVIII

DATE 00200 091

FREQUENCY/WORD

1 1 S30

1 1 THOSE

1 1 TRAIT

1 1 TRAPPED

1 1 UMN

1 1 UNITL

1 1 UNLOADER

1 1 UNSAFE

1 1 UPON

1 1 WRONG

1 1 X12

HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

OCT 22 1960

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62B SL1

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MOS 62B S LL 1

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TIMING	62.11	62.11	62.11	62.11	62.11
TIED	380.15	65.1	62.1	62.1	62.1
TINGLE	372.2	62.1	62.1	62.1	62.1
TUOTH	62.1	62.1	62.1	62.1	62.1
U-BOLTS	62.1	62.1	62.1	62.1	62.1

2	W-BELTS	62.1		
2	VALVE	35.3	17.1	62.77
2	VENT	62.7		
2	VERIFY	62.1	62.24	
2	VERTICAL	62.3		
2	VOLTAJE	62.13		
2	WASHERS	62.14		
2	WELDED	62.1	8.0	4.2
2	WELL	62.5		
2	WIPER	62.4		
2	WIRING	62.3		
2	ZERO	62.1		
3	BOLTED	62.1		
3	BOWJET	62.2		
3	BULLDOZER	62.2		
3	CABLES	62.4		
3	CARE	62.2		
3	CAREER	62.2		
3	CAUSING	62.5		
3	CENTER	62.13		
3	GLASS	62.5		
3	COLLAR	62.1		
3	COLUMN	62.1		
3	COMPANY	389.2	62.1	39.1
3	COKE	62.3		
3	CONNECT	62.32		
3	CONNECTING	62.2		
3	CONNECTION	62.4		
3	CONNECTOR	62.1		
3	CONNECTORS	62.2		
3	CONTACTS	62.7		
3	COOLANTS	9.1		
3	CORE	62.5		
3	CUTTER	62.13		
3	CUP	62.13		
3	DAMPING	62.4		
3	CEKING	62.1		
3	CEPRESS	62.0		
3	DEPTH	62.2		
3	DIGITS	62.1		
3	DIPSTICK	62.1		
3	CIS-ASSEMBLE	374.1	62.17	
3	DIS-ASSEMBLY	354.1	62.21	
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3	GJCT	62.3		
3	DUNKING-OPERATION	62.4		
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3	EXTENDING	62.1		
3	FABRICATING	62.1	8.1	

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5	PIPES	62.2			
5	PUSH-CHARGING	62.1			
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5	SEPARATING	62.1			
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5	TOWARD	62.1			
5	TURIN	62.47			
5	TURNS	62.4			
5	TURNS	62.5			
5	WOODEN	372.1	62.4		

Addit WCA

HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

JAN 9 1981

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MOS-626

Skill Level 1

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PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM 109 September 1978, Jan 79, which is obsolete

COPY ____ OF ____ COPIES

1	ANGLE	62.1	
2	ANTITHROMB	62.2	
3	APPLIED	62.3	
4	ARMY	372.1	62.14
5	ARMYING	372.1	
6	APPROPRIATE	62.8	
7	APPROVED	354.1	62.14
8	APPROXIMATELY	62.4	
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10	ARMA	62.3	
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15	CHARGED	62.1	
16	CHARGING	4.2	62.4
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25	CLIMB	62.1	
26	CLIMBING	372.9	354.6 62.96
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38	GLAZED	62.1	
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40	INLE	62.9	
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43	IMPROPER	62.2	
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2	INSTALLER	62,2							
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2	OFF	62,24							
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2	SLUDGE	62,1							
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2	THURFANDF	62,2							

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4	STONE	62,1
4	STORAGE	62,5

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No. Proj No.

62UB-2

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AUG 15 1960

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62UB 962

CL 72

IP FORM 109-1 Replaces ATDS 110-1, Feb 75.

PREPARED BY: OPERATIONS DIV.

1705 6 17 11:11 AM

WORDS FREQUENCY DISTRIBUTION

UNIQUE ITEMS

3,780 RECORDS

1	6
30	ALP
3	AVOID
1	AXLE
1	RACK
3	BACKLASH
2	PALANCE
1	BALL
1	BALLS
1	BAR
1	BATH
11	BE
3	ACAPING
30	BEARINGS
1	BEARINGS/BALANCE
1	BEFORE
4	BEFORE
1	BEFORE-OPERATION
1	BEHIND
1	BEING
1	BENT
3	BETWEEN
5	BODY
8	BOLTS
1	BOLTS/SCREWS
6	BONE
2	BOTH
1	BOTTOM
3	BOX
1	BUMPING
1	BUSH
2	BUSPS
1	BUSHING
2	BUSHINGS
3	BUTT
1	BUTT-WELD
8	BY
1	BYPASS
1	CABLE
1	CABLES
1	CAGE
2	CAGES
2	CAL
5	CHASHT

11 11 11 11 11

1. CASH/PAID/BALANCE

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SCADITIONS

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CONNECT

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CONNECTING

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CONSTRUCTION

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1	COTTER
2	COUNTERBORE
1	COUNTERCLOCKWISE
1	COUNTERWEIGHTS
3	COUPLING
1	COUPLING/
1	COUPLINGS
17	COVER
1	COVER/FLYWEEL
3	COVERS
1	CURRENT
3	CUT
1	CUTS
6	CUTTING
28	CYLINDER
1	CONDITIONS
2	D-7
73	DA
1	DAMAGE
12	DAMAGE
9	DAMAGED
4	DAVEY
4	DED
1	DEERF
23	DEFECTIVE
13	DEFECTS
3	DEPOSITS
34	DEPOS
1	DEPTH
7	DERRICK
9	DEVICE
1	DEVICES
4	DIAL
1	DIAVETER
1	DIAETERS
2	DIAPIRACH
1	DIAHPAGHS
10	DIESEL
1	DIFFERENCE
2	DIMENSIONS
1	DIRECT
56	DIRECT
1	DIRECTIONS
1	DIRECTIONS
1	DIRECTIONS

DISASSEMBLE
DISASSEMBLY

DISCARD
DISCONNECT
DISPENSING
DISTANCE
DISTORTION

DISTORTIONS
DITCHING

DO
DOCS
DOWEL

DOWN
DUE
DURING
EITHER

EQUIPMENT

EQUIPPED
EQUIPMENT

EXCESSIVE
EXCESSIVELY

EXHAUST
EXTEND
EXTENDER
EXTREME
FABRICATED

FACE
FACES
FACIAL
FAR

FAULTS
FELT
FIELD
FIG
FILL

FITTINGS
FIXTURE
FOLLOW
FOLLOWING
FOP

1 FORGING
1 FORD
2 FOREIGN
3 FORD
3 FUEL

9 FULL

2 FULL-TRACKED

1 FUSION

6 GAIN

1 GAP

4 GAS

5 GASKET

10 GASKETS

2 GAUGE

21 GEAR

8 GEARS

1 GEARS/BALANCE

1 GEARS/COUNTERWEIGHTS

5 GEN

55 GENERAL

2 GINE

2 GIVEN

3 GOGGLES

1 SWORDS

1 CUTS

1 H-SCH

1 HELFAY

1 HALVES

2 HAMMER

1 HAND

3 HARDWARE

1 HAS

23 HEAD

2 HEATING

2 HEAVY

1 HELMET

2 HIGH

1 HOIST

2 HOLES

6 HIND

1 HOCS

2 HOSE

2 HOSS

3	NOT
1	HUGH
11	HOUSING
1	STINGS
2	EP-MARCO
5	HYDRAULIC
8	II
5	III
7	IV
5	IX
2	JCHA
1	JOURNAL
2	JOURNALS
16	KENCSENE
2	KIT
2	LAPPING
1	LAR
2	LAY
2	LEADS
2	LEAKAGE
1	LEAKS
1	LEVEL
4	LIFT
9	LIFTING
1	LIFTING/LOWERING
5	LIGHT
1	LIGHTLY
1	LINE
2	LINER/SLEEVE
1	LINERS/SLEEVES
7	LIPFS
1	LITINGS
5	LINK
3	LINKAGE
1	LIP
1	LIS-CHALMERS
2	LISTED
1	LCAD
8	LOADER
1	LOCATED
1	LOCATION
1	LOCKNUT
2	LOCKWASHERS
1	LONG

1	LOCSEN
7	LOW
2	LOW-SPEED
6	LOWER
4	LURFICATE
1	LUBRICATING
7	MACHINE
1	MACHINER'S
2	MACHINED
3	MADE
4	MAIN
1	MAINTENANCE
1	MAINTENANCE
81	MAINTENANCE
3	MAKE
4	MAKING
16	MAN - JUAL
16	MANAGEMENT
1	MANUAL
239	MANUAL
16	MANUALS
4	MANUFACTURER'S
1	MANY
1	MARK
3	MARKS
1	MASTER
1	MATCH
1	MATERIAL
1	MATING
1	MEASURE
7	MEASURE
1	MEASURED
1	MEASUREMENTS
38	MEASURES
14	MECHANIC'S
3	MECHANICAL
1	MECHANICS
1	MECHANISM
2	MEDIUM
1	METAL
1	METER
4	MICROMETER
5	MILITARY

1	WILL
1	TILLING
3	MINIMUM
10	MISSION
	MCRAIL
86	MOFL
1	MODELS
2	MOISTURE
7	MOTORIZED
6	MCUAT
16	MOUNTED
19	MOUNTING
2	MW
1	MWES
1	MOVING
20	MUST
22	NANCE
22	NECESSARY
1	NENTS
7	NEW
1	MCLES
3	NOT
15	NOTE
1	NOTED
22	NUMBER
1	NUMERICAL
2	NUT
2	NUTS
10	OE
25	OIL
6	OUT
5	OUTFIT
2	OUTLET
3	OVER
1	OXIDIZED
4	OXACETYLENE
2	OXYGEN
4	PCW
8	PACKING
7	PACKINGS
1	PAIR
3	PAN
2	PANEL

PANELS
PAPER
PARA
PARS
PARSONS

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~~PARSONS~~

PARTS
PASS
PERFORM
PERFORMANCE

38
1
6
34

PERFORMED
PERFORMANCE
PILM
PIN
PINS

2
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PINS/
PIPE
PIPES
PISTON
PISTONS

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15
2

PITS
POCKETS
POCK
POCRATION
PCSTICH

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POSITIVE
PCSTICH
POST
PULL
PULLER

1
1
2
2
1

PUMP
PUMPS
PUSH
PUT
RADIAL

12
1
3
2
1

RADIATOR
RAG
RAIN
~~REAR~~
REARJUST

1
3
1
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1

REARMER
REAR
REASSEMBLE
REASSEMBLED
REASSEMBLING

2
3
12
1
1

5	REASSEMBLY
18	REFERENCES
1	FILL
4	REGULATOR
1	REGULATORS
1	RELIEF
1	RELIEF
2	REMAINING
4	RENCUT
13	REPCAL
76	REPCVE
10	REPCVFC
1	REPCVCS
3	REPCVINS
20	REPAIR
1	REPAIRING
17	REPLACE
1	REPLACEMENT
17	REQUIREMENTS
1	RESERVCTRS
1	RETRYING
15	REVERS-
2	RIDGE
1	RIDGES
8	RING
13	RINGS
7	ROAC
5	ROCKER
9	ROD
6	RODS
3	ROLLER
2	ROPE
9	ROTARY
1	ROTATE
2	ROTATING
1	ROTATION
2	ROTOR
2	ROTORS
1	ROUGH
1	ROUGHLY
1	ROUGHNESS
1	RUPPED
1	RUN
1	RUNCUT

1	SUSPENSION
20	SYSTEM
1	SYSTEMS
1	SOAK
2	TAG
1	TAGS
1	TAKE
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1	PANK
1	TAP
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1	TEC
1	TECHNICAL
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3	TEETH
1	TENANCE
1	TENSION
1	TERRILLAR
1	TERPAIN
6	TFST
1	TESTING
1	TIGHT
3	TIGHTEN
1	TILTS
4	TIMING
2	TICK
1	TICNS
2	TIP
2	TIRE
2	TIRED
1	TIRES
75	TO
3	TOLERANCE
3	TOLERANCES
11	TON
1	TOC
26	TOGL
2	TOGLS
4	TOP
3	TORCH
14	TOSCUE
1	TOSCUE
1	TOSCUE
1	TOSCUE

1	TOWARD
1	TOWELS
0	
1	ES
1	100K- J800-LARGER
4	TUPPINE
1	100- J800-LARGER
2	100- J800-LARGER
7	TURN
4	TURNING
2	TURNS
10	TYPE
6	UAL
2	JEG-709'S
1	V-PICKINGS
27	VALVE
4	VALVES
1	VINE
2	VINES
1	VARY
1	VAT
0	VEHICLE
4	VEHICLES
1	VEN
13	V!
4	VII
7	VIII
2	WARPAGE
4	WASHER
1	WASHERS
3	WATER
8	W20
1	WEIGHT
6	WFLO
1	WELDED
2	WELDER
5	WELDING
5	WILL
2	WINCH
2	WIPES
1	WISE
68	WITH
4	WITHIN
2	WITHOUT
5	WOODEN

39 MANUAL
94 REPAIR
74 FOR
56 DIRECT
37 REPLACE
33 OIL
26 OIL
23 NEED
22 NECESSARY
22 GIVEN
22 SYSTEM
22 YALIC
22 SOT
22 EQUIPMENT
22 KIT
22 MOTE
22 CORRESPONDENCE
22 LISTED
22 DEFECTS
22 METAL
22 DIESEL
22 OF
22 CONTROL
22 FUEL
22 BLADE
22 II
22 SUMCOURSES
22 CORRECTING
22 LINES
22 MOTORIZED
22 TURN
22 CORDON
22 GAIN
22 OUT
22 DIAL
22 AGDY
22 FOLLOW
22 IX
22 OUTPUT
22 SEATS
22 BEFORE
22 DIAL
22 LEAF
22 MANUFACTURER'S
22 REGULATOR
22 SUITABLE
22 TURNING
22 VII
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42 TASK
35 FORM
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25 OIL
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22 CONDITIONS
22 YOU
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22 TYPE
22 REQUIREMENTS
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22 MECHANICS
22 VI
22 SAFETY
22 DISCARD
22 SUBCOURSE
22 DISTORTION
22 PUMP
22 DAMAGED
22 LIFTING
22 BY
22 PACKING
22 TUBE
22 CORP
22 LOW
22 NEW
22 VIII
22 CUTTING
22 HOOD
22 PERFORM
22 WELD
22 GASKET
22 LIGHT
22 REASSEMBLY
22 WILL
22 CAUTION
22 FITTINGS
22 LUBRICATE
22 MICROMETER
22 REMOVAL
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22 TURNING
22 WASHER
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67 TECHNICAL
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24 COMPONENTS
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22 SOLVENT
22 MUST
22 LOADER
22 WEAR
22 COMPLETE
22 MANUALS
22 REVERSE
22 TORQUE
22 DAMAGE
22 DE
22 HOIST
22 TON
22 GASKETS
22 REASSEMBLE
22 DEVICE
22 ROD
22 COAT
22 RING
22 VEHICLE
22 DEPRICK
22 MACHINE
22 PACKINGS
22 BCRF
22 DISCONNECT
22 RODS
22 XII
22 COMPOUND
22 HYDRAULIC
22 LINK
22 ROCKER
22 NOCDEI
22 J-VEY
22 FOLLOWING
22 MAIN
22 OXYACETYLENE
22 SEALS
22 TIMING
22 VALVES
22 WITHIN
22 BACKLASH

100 SEC
75 TO
65 GENERAL
38 PARTS
34 PERFORMANCE
27 VALVE
23 DEPIING
22 NAME
22 GEAR
22 REPAIR
22 MOUNTING
22 REFERENCES
22 COVER
22 COMPLETED
22 POINTED
22 WELDING
22 REPAIR
22 CURING
22 DEFECTIVE
22 HOUSING
22 MEASUREMENTS
22 WOBLE
22 REVOLVED
22 DISASSEMBLE
22 ROTARY
22 GEARS
22 SET
22 XV
22 IV
22 MEASURE
22 ROAD
22 CIPS
22 FIELD
22 MOUNT
22 TEST
22 BETWEEN
22 CCNDFC
22 III
22 ACT
22 SEALANT
22 WCRN
22 DEC
22 LIFT
22 VAN-JUAL
22 PCM
22 SECURE
22 TCP
22 VEHICLES
22 XI
22 BOX

3 BUTT	3 CARE	3 CENTER	3 COUPLING
3 COVERS	3 CUT	3 DEPOSITS	3 DISTANCE
3 EXCESSIVE	3 EXTERIOR	3 FUEL	3 FUEL
3 GOGGLES	3 HARDWARE	3 HOT	3 HUNER-WARCO
3 LINE/SLEEVE	3 LINKAGE	3 MADE	3 MAX
3 MARKS	3 MECHANICAL	3 MILITARY	3 MINIMUM
3 OVER	3 PAN	3 PUSH	3 PUT
3 RAY	3 ROTOR	3 REAR	3 REMOVING
3 ROLLER	3 SOFT	3 SEAT	3 SELECT
3 SOCKET	3 TOLERANCES	3 TEETH	3 TIGHTEN
3 TOLERANCE	3 XVII	3 TOOLS	3 TORCH
3 WARE	3 BURR	3 BALANCE	3 CAL
3 BATH	2 CESSIVE	2 FISHINGS	2 COOLING
2 CAREFUL	2 COUNTERSORE	2 CONSTRUCTION	2 CLIPPER
2 CORRECT	2 DITCHING	2 D-7	2 DOWEL
2 DIAPHRAGM	2 DITCHING	2 DUCKS	2 FAPRICATED
2 EQUIPPED	2 FISHING	2 EXHAUST	2 GAUGE
2 FELT	2 HAMMER	2 FULL-TRACKED	2 HEAVY
2 GIRE	2 HOLES	2 HEATING	2 MCSFS
2 HIGH	2 KEROSENE	2 NUCE	2 LEADS
2 JOHN	2 LOW-SPEED	2 LAPPING	2 MEDIUM
2 LOCKWASHERS	2 MOISTURE	2 MACHINED	2 NUT
2 NUTS	2 OUTLET	2 MOVE	2 PISTONS
2 PANEL	2 PILOT	2 OXYGEN	2 REMAINING
2 POST	2 PULL	2 PIPE	2 RECTERS
2 RIDGE	2 ROPE	2 REARER	2 SEPARATOR
2 SEAL	2 SECURING	2 ROTATING	2 SIGN
2 SERVICEABLE	2 SETUP	2 SEPARATE	2 SUBU-5202
2 SIGNS	2 SION	2 SIDE	2 TIRE
2 TIG	2 TION	2 SINK	2 UFG-00215
2 TIED	2 TURBOCHARGER	2 TIP	2 WINCH
2 WIRES	2 WAPAGE	2 TURNS	2 # G
2 WIRES	2 WITHOUT	2 WELDER	2 BALLS
1 /XLE	1 BACK	2 WORKING	2 BECCVE
1 BATH	1 REMIND	1 BALL	2 BENT
1 BEFORE-OPERATION	1 BOTTOM	1 BEARING/BALANCE	2 BURNT
1 BELTS/SCREWS	1 BUTT-WELD	1 BLING	2 CABLE
1 BUSHING	1 CAGE	1 BUMPING	2 CAMSHAFT/BALANCE
1 CADLES	1 CASE	1 BYPASS	2 CATIONS
1 CARGHAFT/BALANCES	1 CERTAIN	1 CAGES	2 CCILS
1 CAUSE	1 COLLARS	1 CESS	2 CONCACTION
1 COLLAR	1 COLLAR	1 COLUMN	2 CON
1 CONJECT	1 CONTROLS	1 COVERESSED	2 COUNTERWEIGHTS
1 CORRECT	1 COLLER	1 CONVERTER	2 CURRENT
1 COUPLING/	1 COUPLINGS	1 COUNTERCLOCKWISE	2 DEED
1 CUTS	1 CONDITIONS	1 COVER/FLYWHEEL	2 DIAPHRAGMS
1 DEPTH	1 DEVICES	1 DIAMETERS	2 DIRECTIONS
1 DIFFERENCE	1 DIRECTIONS	1 DIPECIT	

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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

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1 1 H21041E J # 3

27 A
1 NOLE
1 ABOVE

1 AC- J
3 ACCESS
2 ACCIDENTS
8 ACCORDANCE
1 ACCORDING

3 ACYVALENE
13 ACTIONS
2 ROXETER
2 COMPIERS
1 ADD

12 ADJUST
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1 ADJUSTED
1 ADJUSTERS
5 ADJUSTING

2 ADJUSTMENT
3 ADJUSTMENTS
1 ADJUSTMENTS/MEASUREMENTS
17 ADMINISTRATION
3 AFTER

1 AGENT
1 AGES
3 ALIGH
2 ALIGNED
4 ALIGNMENT

75 ALL
1 ALLIF
1 ALLIS- J
11 ALLIS-COULPERS
1 ALLS

0 AMERIC/H
11 A
375 AND
1 AND/OR
17 ANNOTATE

1 ANTI-EXTRA- J
17 ANY
2 ANYWAYS
21 APPLICABLE
2 APPLICATION

1 APPR- J
1 APPROPRIATE
1 APPROVED
3 AFACR

2 ARC
8 ARE
1 AENAT
4 AFM
2 ARMS

13 ARMY
1 ARQUID
27 AS
1 ADFS- J
12 ASULT

6 ASSEMBLE
29 ASSEMBLY
2 A
1 ATE
1 ATING

6 ATTACH
1 ATTACHED
3 ATTACHING
1 ATAY
71 B

8 BC-FMC-1
2 BLADES
1 BLED
3 BLOCK
3 BLOCKS

2 BLCMGMN
8 BLCNER
1 BLUE
1 BLY
3 BRACKET

2 BREAKS
1 BPEATHES
13 BRIDGE/FERRY
1 BCKEN
1 BRUSH

57 C
5 CFM
11 CM-1M
3 CM-1MPS
1 CHANTICS

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1 EXPOSED

2 HP-J

15 CND

1 CND

1 ENG-3

1 ENGAGE

51 ENGINE

3 ENGINEER

3 ENIGMA

1 ENSURE

3 BRAL

1 CRYSTIC

26 F

2 FLAME

1 FLANGE

1 FLANGES

1 FLAT

1 FLEXIBLE

11 FLOATING

1 FLOOD

1 FLY-J

2 FLYWHEEL

2 FM

3 FMC

1 FPMPE

1 FPMK

2 FUEL

24 FUEL

3 FRONT

21 G

3 GLOVES

7 GPCR

1 GREASE

1 GRINDER

1 GRCTVE

2 GROOVES

1 GROUND

1 GROUP

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1 HOC

10 I

1 ICE

1 IDIF

1 IULSA

1 IF

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1 OLD

29 CH

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3 OPENING

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1 OPENING

1 OPENING

1 OPENING

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16 OPERATIVE

3 OPERATORS

1 OPPOSITE

54 31

25 OLD

18 ORDER

24 ORGANIZATIONAL

1 ORIGINAL

20 OTHER

111 P

2 PLACES

6 PLATE

9 PLATES

2 PLAY

2 PLUG

1 PLUGS

2 PNEUMATIC

15 PP

3 PRECAUTIONS

3 PREFORMED

1 PRELIMINARY

4 PREPARATION

7 PREPARE

10 PRESS

6 PRESSURE

1 PREVIOUSLY

1 PRIVATE

5 PRINCIPLES

1 PRINCIPLE

26 PROCEDURES

11 PROFER

1 PROTECT

1 PPV

4 PSI

1 PSI-22

1 SCAPS

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SCOMP-TYPE

1 SCULP
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2 SCULP
3 SCULP
6 SCULP

1 SCULP/OLTS
18 SCULP
2 SCULP
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9 SCULP

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1 SPECIFICA- J
2 SPECIFICATION
23 SPECIFICATIONS
4 SPECIFIED
10 SPEC

1 SPEC
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1 SPEC
2 SPEC
2 SPEC

1 STANDARD
16 STANDARDS

1 STANDOUT

4 START

1 STARTER

2 STATED

5 STEPL

15 STEERING

2 STCF

1- STEELIGHT-HEAD

1 STROKE

1 STIPPED

3 STUD

1 STUDS

1 T8

2 TNA

154 THE

1 THEY

1 THECRY

1 THERMAL

1 THERMO-SWITCH

1 THEY

1 THICKNESS

1 THC-J

2 THCCUGHLY

1 THEPID

1 THEPEDED

8 THEFOS

1 THROTTLE

1 THROUGH

18 THRU

5 THPUS

17 T

3 TRACK

9 TRACKED

27 TRACTOR

1 TRANK-J

2 TRANSMISSION

1 TRANSPORTABLE

12 TRANSPORTER

1 TRATED

1 TRAVEL

1 TROUBLESHOOTING

2 TRUCK

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5	TWC
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3	UNIT
1	UNLUPDR
1	UNACUTED
4	UNTIL
1	UP
3	UPPER
20	USV
1	USED
3	USING
6	V
21	WHEPL
28	WHFLED
2	WHEFLS
5	WHEN
1	WHILE
0	WHICH
1	WATST
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197	TA	69	CAP	67	A	75	ALL
198	TA	67	C	63	UF	55	FM
199	UL	51	D	51	ENGINE	40	INSPECT
200	INSTALL	37	F	29	ASSEMBLY	29	GN
201	...	27	TRACTOR	20	F	26	PROCEDURES
202	...	25	CRACKS	25	END	25	APPLIED
203	...	24	CRACKS	23	SPECIFICATIONS	21	APPLICABLE
204	...	21	WHEEL	20	CHECK	20	OTHER
205	...	19	OPERATOR	18	ORER	18	SCOP
206	...	18	TIKU	17	ADMINISTRATION	17	ANNOUNCE
207	...	16	CLEAN	16	INDUSTRIAL	16	STANDARDS
208	...	15	CONE	15	DRIVE	15	P2
209	...	13	ACTIONS	13	CRUISE/FERRY	12	ADJUST
210	...	12	TRANSPORTER	12	X	11	ALLIS-CHALMERS
211	...	11	CHAIN	11	FLOATING	11	PROPER
212	...	10	CHIPS	10	END	10	I
213	...	9	PLAYES	9	SPEED	9	CRANKSHAFT
214	...	8	ARE	8	TRUCKED	8	ACCIDENT
215	...	8	DIV	8	BF-FX-1	8	BLACK
216	...	7	SHELLS	7	ITEM	7	FMC
217	...	6	ATTACH	6	CLEARANCE	6	DRIVEN
218	...	6	SCREWS	6	V	6	PREFARE
219	...	5	ADJUSTING	5	CFM	5	OPERATION
220	...	5	IMBOLL-RAND	5	INSTALLATION	5	WATER
221	...	5	PRINCIPLES	5	SCORING	5	CRAIN
222	...	5	THOROUGHLY	5	THRUST	5	INSTALLING
223	...	4	ALIGNMENT	4	ARM	4	SPRING
224	...	4	DYK	4	IMPELLER	4	TWO
225	...	4	INSURE	4	IS	4	CR-500
226	...	4	PSI	4	SHEGDS	4	ING
227	...	4	START	4	UNITIL	4	CNE
228	...	3	AFTER	3	ALIGN	4	SLEEVE/LINER
229	...	3	BLOCKS	3	BUCKET	3	ACETYLENE
230	...	3	CLEANER	3	CLOCKING	3	ARMOR
231	...	3	CUSHES	3	REAL	3	CHIMERS
232	...	3	ICLER	3	INSIDE	3	ELECTRIC
233	...	3	KNOWN	3	OPENING	3	FRONT
234	...	3	PERFORMED	3	SCREENS	3	INSTALLER
235	...	3	SPECIFIED	3	STUC	3	OPERATORS
236	...	3	UNIT	3	UNIP	3	SLOCK
237	...	2	ADAPTER	2	ADAPTERS	3	THORY
238	...	2	ANYTHING	2	APPLICATION	3	USING
239	...	2	AT	2	BLADES	2	ADJUSTMENT
240	...	2	CNOMETER	2	C53 A	2	ARC
241	...	2	EDGE/RIC	2	ELECTRICAL	2	BLOWDOWN
242	...	2	FLYWHEEL	2	FREELY	2	CRANKER
243	...	2	TICKES	2	INTAKE	2	CA-J
244	...	2	...	2	...	2	GROOVES
245	...	2	...	2	...	2	INTC

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3 CONVERTOR
3 DEVICES
2 DIAPENSIGMS
3 DIAPHPAGH
2 MATERIEL
2 TURBUCHAGER
2 V-PACKING

MASTER READ 2362
LRECL 32
BLKSIZE 3136

TRANS READ
LRECL
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72
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8000

UPDATED RECORDS 193
LRECL 32
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3	CONJUG	62.14
3	WENCH	4.2
3	WRES	62.2
4	DEFECTIVE	62.11
4	CONEL	62.2
4	FABRICATED	62.2
4	FAULTS	62.1
4	FORCING	62.1
4	HARDWARE	62.3
4	SURFACES	62.4
4	TEC	62.1
4	TENSION	62.1
4	TIMING	62.4
4	TOLERANCES	62.3
4	VENT	62.1
5	SOT	237.2 62.1 4.13

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390.15 90.1 36.1 4.1

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 -
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Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs