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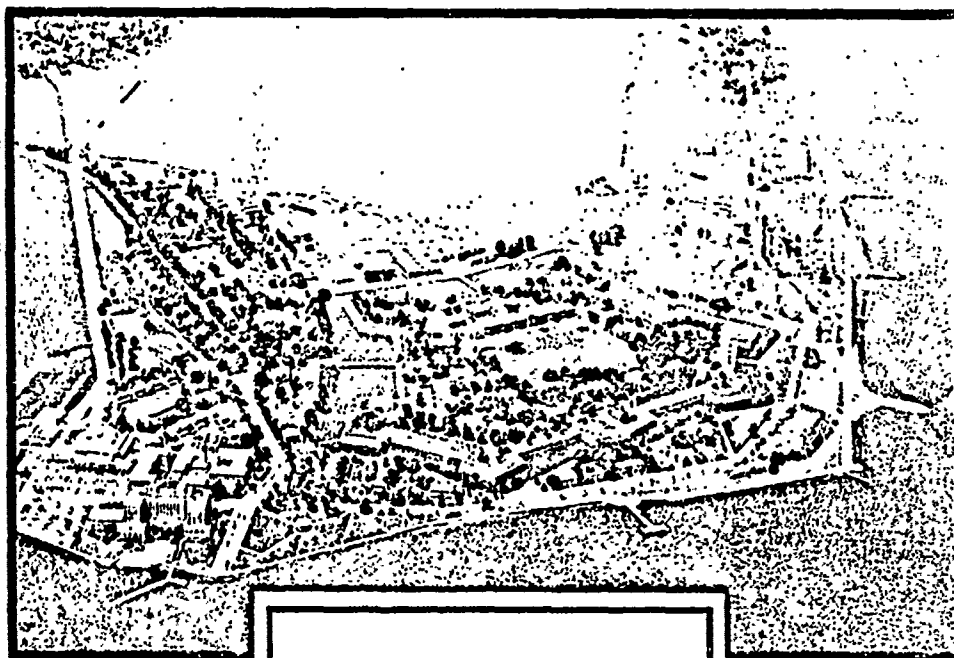
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



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Word Criticality Analysis

MOS: 45B

Skill Level 1

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM
Oct 80 109-1

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1. REPORT NUMBER 45B	2. GOVT ACCESSION NO. AD-A116 639	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Word Criticality Analysis MOS: 45B Skill Level: 142		5. TYPE OF REPORT & PERIOD COVERED Final
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Dr. Alexander A. Longo		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		12. REPORT DATE Sep 1981
		13. NUMBER OF PAGES 17
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for Public Release; Distribution is unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) MOS Vocabulary Readability Comprehension of text Curriculum Development		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.		

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Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

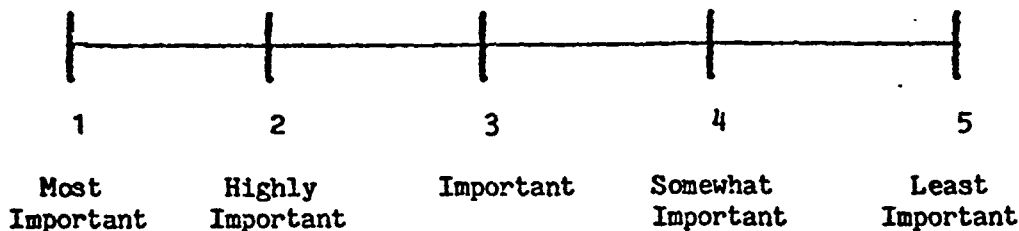
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

3. Word Criticality Index:

The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:



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By	
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Avail and	
Special	
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FORT MONROE, VIRGINIA 23651

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WCA



MAR '6 1981

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"WORD CRIT
MOS 45B
SKILL LEVEL 1"

KP = (B-A)
P = (B-C)

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ATDP FORM 109 Feb 75 Replaces ATDP 118, Jul 73, which is obsolete

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MOS WORD LIST BY PAGE

CATE 01072 1753 PAGE 2

1	DIAMETER	100.2							
1	DISASSEMBLE	6.1	1.1	100.0	12.0	11.1	9.1		
1	DISCO-TRACTOR	100.3							
1	DISKS	100.1							
1	DRIVING	232.1							
1	DUMMY	100.24							
1	EJECT	100.6							
1	EJECTOR	101.1							
1	ENGAGE	100.1							
1	ENGAGES	100.1							
1	EROSION	100.3							
1	EXTRACT	100.6							
1	EXTRACTOR	100.8	232.1						
1	FEED	100.12	1.1						
1	FEEDTRAY	100.1							
1	FINGER	100.1							
1	FIRING	232.4	105.2	101.2	100.26	12.1	1.2		
1	FLASH	100.5							
1	FOLLOWER	101.1							
1	FORE	100.1							
1	FOREARM	100.1	1.1						
1	FUNCTION	100.2							
1	FUNCTIONING	100.8							
1	GAGE	2.2	1.2	232.16	100.26	4.2	3.2		
1	GAS	100.7							
1	GRIP	100.4	1.1						
1	GROUP	232.2	100.22	6.3	1.7				
1	GUARD	105.1	101.1	100.3					
1	GUIDE	100.6							
1	HAMMER	100.8							
1	HANDLE	232.5	100.7	1.1					
1	HEADLESS	232.1	100.1						
1	HEADSPACE	100.9	10.2	232.5					
1	HOLE	100.4							
1	INSERT	232.3							
1	INSPECT	232.1	100.14						
1	INSTALL	101.1	12.3						
1	LATCH	232.2	105.4	101.2	100.16	12.2			
1	LAUNCHER	11.3	100.1	12.7	105.2	101.9			
1	LEFT	232.1	100.8						
1	LESS	100.1							
1	LEVER	100.6	1.1	232.3	101.1				
1	LINED	100.1							
1	LOCK	100.26							
1	LOCKING	101.1							
1	MACHINE	101.1							
1	MACHINEGUN	9.2	6.3	2.3	1.5	232.3	100.14	12.5	10.4
1	MAGAZINE	100.29							
1	MAIN	100.2							
1	MAINSRING	100.1							

CATE 01072 1753 PAGE 3

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CATE 01072 1753 PAGE

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DATE 01072 1753 PAGE 5

7	ADJUSTED	100,1																		
7	ASSIST	100,2																		
7	BACK	232,2																		
7	PAYMENT	100,2																		
7	CARRYING	100,1																		
7	CLEANING	101,1	100,11	1,1																
7	CORRECT	232,3	100,1	1,1																
7	DEFECT	232,1																		
7	DEFFECTIVE	105,1	101,1	100,10																
7	DEPRESSED	100,1																		
7	DEPRESSING	232,1																		
7	DISASSEMBLY	232,1	105,1	100,12	1,5															
7	EDGE	232,1																		
7	ELECTRICAL	100,3	12,2																	
7	ENTERS	232,4																		
7	EVALUATION	1,1	232,2	105,1	101,2	100,25														
7	EXTENSION	232,7	100,7																	
7	FAILURE	1,1	232,2	105,1	101,2	100,25														
7	FEELEER	100,1																		
7	FIRE	232,12	100,4	1,1																
7	FIXTURE	101,1	100,6																	
7	FM	100,2	1,2																	
7	FORM	2,1	1,1	12,4	11,1	4,1	3,1	105,2	101,2	100,23										
7	FORWARD	1,2	232,6	101,2	100,3															
7	FRAME	130,3																		
7	FREE	100,1																		
7	FREELY	100,1	232,2																	
7	FROST	100,5	101,2																	
7	FULLY	100,1																		
7	FUNCTIONAL	100,7	101,2																	
7	GRIPS	105,1	100,2																	
7	GS	232,2	105,1	101,1	100,44															
7	HEAD	100,5																		
7	HIDFR	100,1																		
7	HOUSING	100,4																		
7	INCH-POUND	100,1																		
7	INSPECTION	2,2	1,2	101,1	100,9	4,2	3,2													
7	LEAG	105,1																		
7	LEG	100,2																		
7	LENGTH	1,2	100,2																	
7	LIFT	100,1																		
7	LINKED	100,5																		
7	LOWER	100,3	1,3																	
7	MAINLM	100,1																		
7	MEASUREMENT	100,1	1,2																	
7	MEET	232,2	105,1	101,2	100,25	1,1														
7	MOUNTING	101,3																		
7	MOUNT	100,5																		
7	OPERATE	100,2																		
7	OPERATING	1,1	100,3																	

WOS WORD LIST BY PAGE

DATE 81072 1753 PAGE

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DATE 81072 1753 PAGE 7

3	INCORRECT	10.1																		
3	INSURE	100.1																		
3	KIT	1.1	232.2	105.1	101.2	100.24														
3	LAST	100.1																		
3	LUBRICATE	100.4																		
3	MAJOR	12.2	5.3	1.1																
3	MEASURES	100.25	1.1	232.2	105.1	101.2														
3	MEASURING	100.6	101.1																	
3	MECHANICAL	232.1																		
3	ORDER	232.1	105.1	100.14	1.1															
3	PERFORM	232.2	105.1	101.3	100.32	4.1	3.1	2.1	1.4											
3	PERFORMANCE	232.2	105.1	101.2	100.26	1.1														
3	PERFORMED	1.5	3.1	2.3	100.3	12.11	11.1	10.1	9.2	6.2	4.1									
3	POSITION	237.1	100.11	1.5																
3	PRESSURE	100.1																		
3	PULLING	1.1																		
3	RAISE	100.1																		
3	REFLECTING	100.1	105.1																	
3	REFLECTOR	100.3																		
3	REQUIRED	12.1																		
3	RETURN	237.1	1.1																	
3	RIGHT	100.2	232.2																	
3	ROUND	100.1																		
3	SCREWS	101.2	105.1																	
3	SEMI	100.2	1.1																	
3	SERVICEABILITY	12.2	100.3																	
3	SETTING	232.1																		
3	SHOULDER	100.17	232.1																	
2	SI	100.2																		
3	SIGHTS	100.1																		
3	SIMPLY	237.1																		
3	SMALL	100.44	1.1	232.3	105.1	101.3														
3	SPECIAL	105.1	101.1	100.15																
3	SQUEEZING	100.1																		
3	STELLITE	100.1																		
3	TASK	2.3	1.6	100.3	12.11	11.1	10.1	9.2	6.2	4.1	3.1									
3	TESTED	100.3	12.11	11.1	10.1	9.2	6.2	4.1	3.1	2.3	1.4									
3	TESTER	100.3	12.2																	
3	TH	243.1	1.10	3.1	2.4	7.3	6.4	5.1	4.2	232.2	105.1	101.2	100.30	12.11						
		11.1	10.1	9.3																
3	UNLINED	100.1																		
3	UNSCREWED	232.1																		
3	WINCHESTER	2.1	12.1	4.1	100.3															
3	WORK	2.1	1.1	12.4	11.1	4.1	3.1	105.1	101.1	100.14										
4	ABILITY	100.3	12.11	11.1	10.1	9.2	6.2	4.1	3.1	2.3	1.4									
4	BASIC	232.1	101.1	100.21																
4	BETWEEN	237.2	100.2																	
4	DETERMINE	12.1	1.1	100.9																
4	EXAMPLE	100.1																		
4	EXISTS	232.1																		

MOS WORD LIST BY PAGE

DATE #1072 1753 PAGE

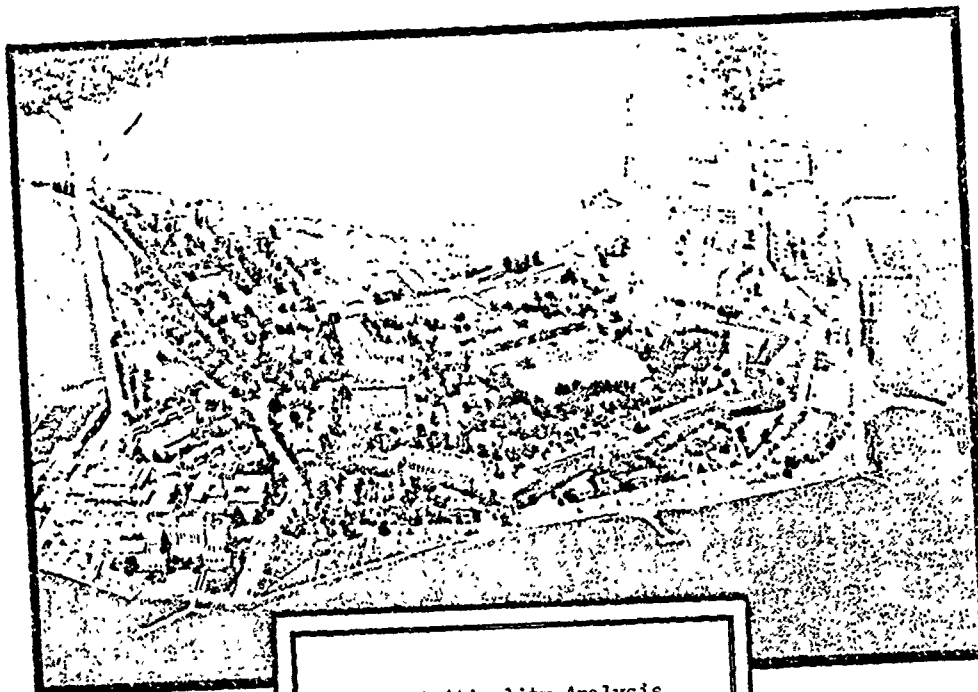
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4	FIELD	100,4	12,11	11,1	10,1	9,2	6,2	4,1	3,1	2,3	1,6
4	FIELD	101,1	100,19								
4	MATERIALS	101,1	100,11	1,1							
4	MEASURE	100,1									
4	MONEY	101,2									
4	OPERATIONS	100,1									
4	OVERALL	100,2	1,2								
4	PARA	243,1	105,1	101,2	100,32	7,2	5,1	4,1	3,1	2,1	1,6
4	PLACE	100,1	1,1								
4	PLACED	9,1	1,1								
4	PLACING	232,1									
4	REMAINING	100,1									
4	RESULT	1,1	232,2	105,1	101,2	100,25					
4	SHCP	100,5	12,11	11,1	1,6	3,1	2,3	10,1	9,2	6,2	4,1
4	SKILL	1,1									
4	UPPER	6,3	100,4								
5	APR	100,4									
5	CERTAIN	100,5									
5	FIRMLY	232,3									
5	LINER	100,1									
5	PAPER	100,2									
5	PENCIL	100,1									
5	PROGRAM/REFERENCE	1,1	232,2	105,1	101,2	100,25					
5	THREE	100,1									
5	UNTIL	232,5	100,2								

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Word Criticality Analysis

MOS: 45B

Skill Level 2

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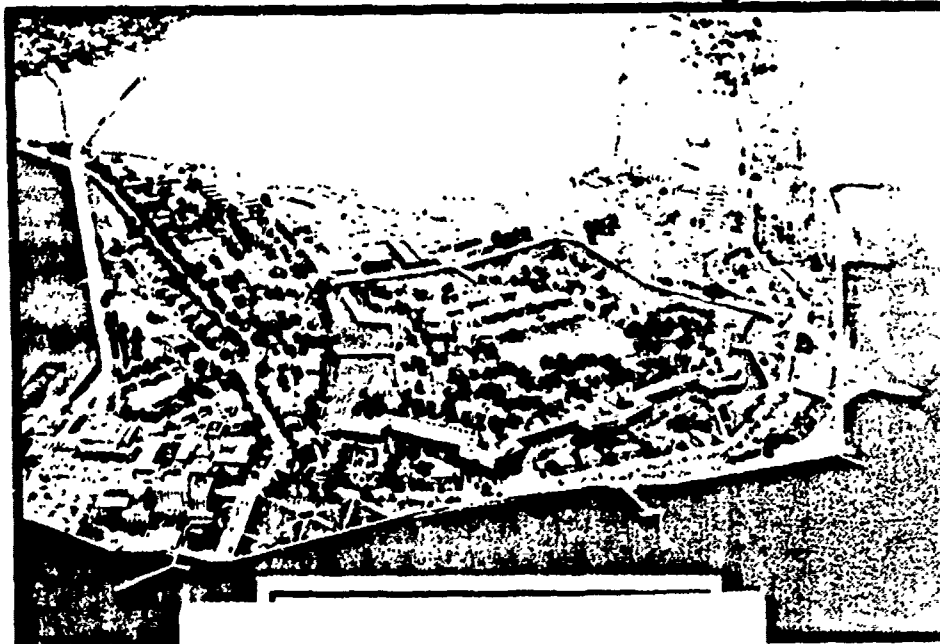
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MOS 45B
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4

1	1	100.1				
1	1	100.2				
1	1	100.1				
1	1	100.1				
1	1	100.1				
1	1	235.12235.6	101.2			
1	1	6.1 235.3	101.2	103.9		
1	1	6.1 101.15	101.2	12.6	9.5	
1	1	100.1				
1	1	101.1				
1	1	101.1				
1	1	235.1 100.1				
1	1	101.1 100.1	12.6	3.6	6.5	
1	1	235.2 101.13				
1	1	100.1 101.7				
1	1	1.1 101.6	100.4	493.1	235.2	
1	1	101.4				
1	1	100.1 101.3				
1	1	101.1				
1	1	101.2				
1	1	101.1				
1	1	101.2 100.9	235.2	232.2		
1	1	101.1 1.1				
1	1	100.2				
1	1	101.3 100.3				
1	1	101.2				
1	1	53.3 6.2	101.7			
1	1	101.1				
1	1	101.1				
1	1	101.7 100.1				
1	1	235.2 232.2	101.7	100.4	1.1	
1	1	101.2				
1	1	100.2				
1	1	101.1				
1	1	101.9				
1	1	232.2 101.6	100.6			
1	1	100.2				
1	1	493.2 100.2				
1	1	1.1 100.6				
1	1	100.2				
1	1	235.1				
1	1	235.2 101.2	100.4			
1	1	12.1 1.1				
1	1	100.4				
1	1	101.1				
1	1	101.3				
1	1	101.1				
1	1	100.2 235.6	232.3	101.21		
1	1	101.1				
1	1	100.1				

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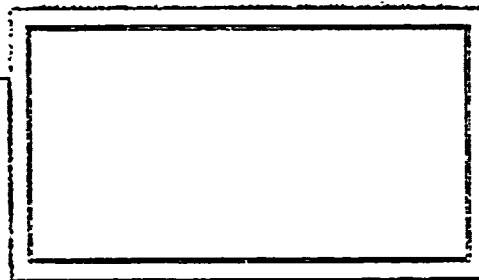
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