



DTIC FILE COPY

AD A116491

④

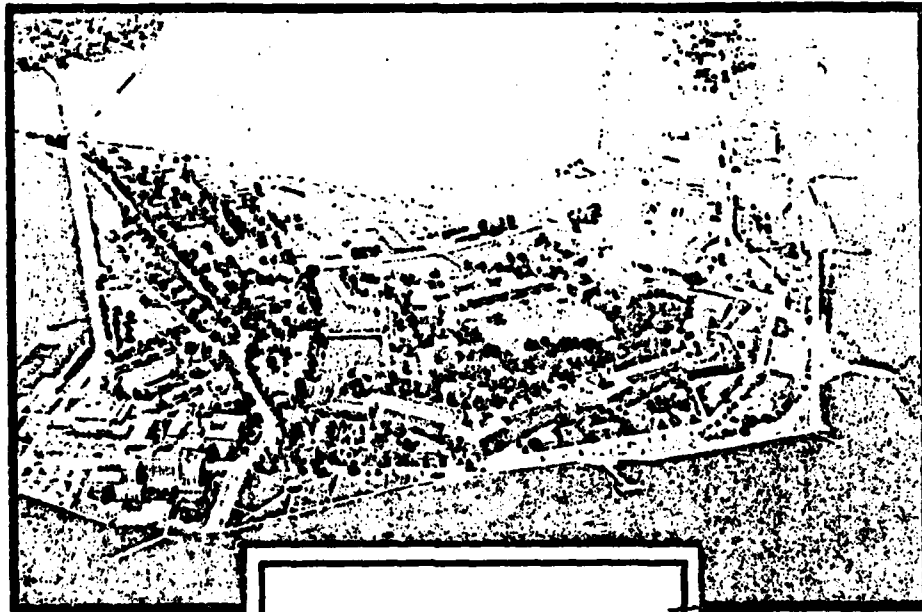
HEADQUARTERS

DATA CONTROL NUMBER

100 NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



COPY available to DTIC does not  
permit fully legible reproductions

DTIC  
ELECTE  
JUL 6 1982  
S H D

Word Criticality Analysis

MOS: 62J

Skill Level 1+2

DESCRIPTION STATEMENT 1

Approved for public release;  
Distribution Unlimited

PREPARED BY: OPERATIONS DIV, DPFO

ATOP FORM 109-1  
Oct 58 109-1 Feb 58 edition may be used  
until exhausted.

COPY OF 4 COPIES

82 07 06 201

## **DISCLAIMER NOTICE**

**THIS DOCUMENT IS BEST QUALITY  
PRACTICABLE. THE COPY FURNISHED  
TO DTIC CONTAINED A SIGNIFICANT  
NUMBER OF PAGES WHICH DO NOT  
REPRODUCE LEGIBLY.**

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER <b>625</b>	2. GOVT ACCESSION NO. <b>ADA116 491</b>	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Word Criticality Analysis MOS: <b>625</b> Skill Level: <b>152</b>		5. TYPE OF REPORT & PERIOD COVERED <b>Final</b>
		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: ATTC-DOR Fort Monroe, VA 23651		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Training Developments Institute ATTN: ATTC-DOR Fort Monroe, VA 23651		12. REPORT DATE <b>Sep 1981</b>
		13. NUMBER OF PAGES <b>17</b>
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report)  <b>Unclassified</b>
		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.		

DD FORM 1 JAN 78 1473 EDITION OF 1 NOV 68 IS OBSOLETE

UNCLASSIFIED  
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

### 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

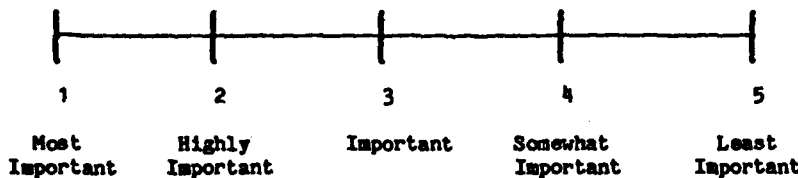
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

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:



Accession for  
RMC I B  
Unannounced  
Justification

By  
Distribution/  
Availability

Dist  
A 23  
A

**HEADQUARTERS**

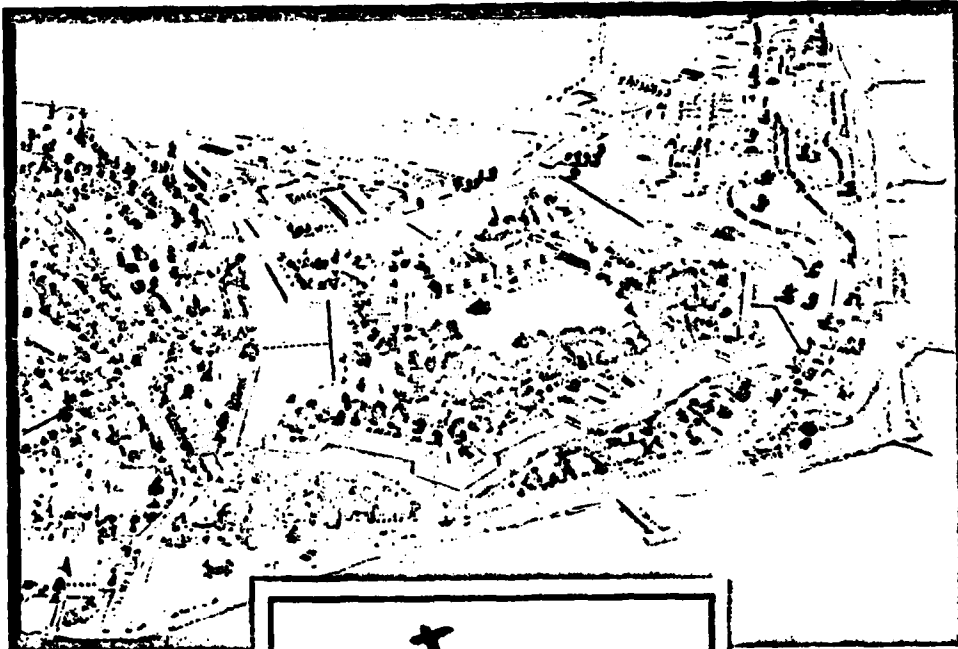
DATA CONTROL NUMBER \_\_\_\_\_  
JOB NO / PROJECT NO

**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**

**FORT MONROE, VIRGINIA 23651**

*WCA*

OCT 22 1960  
*ORAD*  
*ENS*



*J*  
*62* *SLI*  
*A*

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 109 September 1958, Ed. 73, except as amended

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

MOS 62J SKILL 1

SEQUENTIAL DATA MANAGER

PAGE NO 2 TYPE RECORD BYTES

1 BATTERY CONNECTION	TRN	80
1 REVERSE OPERATION	TRN	80
5 BURNED OUT	TRN	80
4 CIRCUIT	TRN	80
5 FOLDED UP	TRN	80
1 FORWARD REVERSE	TRN	80
4 FUSE LEVEL	TRN	80
4 FUSE WELD	TRN	80
3 HUNG OPERATED	TRN	80
1 1/2 BEAM	TRN	80
1 K 3/2	TRN	80
5 LAMP FUEL	TRN	80
1 LAMP	TRN	80
1 HIGH MENTORIZED	TRN	80
2 0 1/2	TRN	80
2 MIL RESISTANT	TRN	80
5 OUT OF POSITION	TRN	80
5 OUTLINE	TRN	80
5 PENDING	TRN	80
3 POINT CHARGING	TRN	80
2 POINT DRIVING	TRN	80
2 QUICK DISCONNECT	TRN	80
2 QUICK START	TRN	80
1 RAISE LOWER	TRN	80
2 SUB BASE	TRN	80
5 T HANDLE	TRN	80
1 TACK WAXED 50%	TRN	80
5 TACK TYPE	TRN	80
1 TECHNICAL	TRN	80
5 THERMOCOPPER	TRN	80
4 W ENGINE	TRN	80
4 W FLAT	TRN	80
4 W HANDLE	TRN	80
4 W HURDLEDGED	TRN	80
1 WIND UP	TRN	80
5 WIND BURNING	TRN	80

4 DATA READ 7651  
 LRECL 32  
 BLKSIZE 3136

TRANS READ 553  
 LRECL 80  
 BLKSIZE 8000

UPDATED RECCRS 1375  
 LRECL 32  
 BLKSIZE 3136

















MOS WORD LIST BY PAGE

5	CONSISTS	27,1						
5	CONSOLE	62,1						
5	CONULIAS	4,1						
5	CONULIA	62,9						
5	CONULIC	28,2	15,1					
5	CONULITY	3,1						
5	CONULISS	62,5	7,2	6,1	4,1			
5	CONULISSIONS	62,2						
5	CONULIS	27,1						
5	CONULATED	62,1	5,1					
5	CONULATED	62,1						
5	CONULATED	5,1	6,1	3,1	62,2			
5	CONULATED	62,7						
5	CONULATED	62,1	6,1	5,1	4,3			
5	CONULATED	542,25	432,1	431,10	369,2	278,1	247,1	62,5
5	CONULATED	34,2	62,1					
5	CONULATED	62,1						
5	CONULATED	62,3						
5	CONULATED	382,1	62,1	10,1	5,1			
5	CONULATED	62,1	33,1	32,1				
5	CONULATED	62,1						
5	CONULATED	62,1						
5	CONULATED	5,1						
5	CONULATED	62,5						
5	CONULATED	62,2						
5	CONULATED	4,1						
5	CONULATED	34,1	5,4	62,44				
5	CONULATED	62,1						
5	CONULATED	4,1						
5	CONULATED	355,3	62,2					
5	CONULATED	62,1						
5	CONULATED	337,1	62,2	5,2				
5	CONULATED	62,1						
5	CONULATED	62,3						
5	CONULATED	62,2						
5	CONULATED	62,1						
5	CONULATED	25,1	62,1	32,1				
5	CONULATED	62,1	4,2	395,4				
5	CONULATED	52,1						
5	CONULATED	62,1						
5	CONULATED	62,12	25,1	8,4	5,2			
5	CONULATED	4,1						
5	CONULATED	62,1						
5	CONULATED	4,1						
5	CONULATED	62,4						
5	CONULATED	16,1						
5	CONULATED	62,1	5,1					
5	CONULATED	62,1						
5	CONULATED	62,3	5,1	4,1				
5	CONULATED	27,1	15,1	5,1	62,1	34,2		



NDS WORD LIST BY PAGE

5	ROPER	62,1							
5	ROPE	62,1							
5	ROPE	62,1							
5	ROPE	14,1							
5	ROPE	52,16	34,1						
5	ROPE	15,1	5,1	23,1					
5	ROPE	62,4	5,1						
5	ROPE	62,1							
5	ROPE	34,1	6,1	62,1					
5	ROPE	4,1	62,1						
5	ROPE	18,1	337,5	62,6					
5	ROPE	4,3	62,7	34,2	16,1	15,1			
5	ROPE	62,1							
5	ROPE	432,1	62,73	23,1	5,3				
5	ROPE	62,4							
5	ROPE	62,2							
5	ROPE	432,1							
5	ROPE	62,1							
5	ROPE	62,1							
5	ROPE	34,1	5,2	62,2					
5	ROPE	34,1							
5	ROPE	4,2							
5	ROPE	62,1							
5	ROPE	62,7	35,5	20,1	17,1	15,1	8,5	6,1	
5	ROPE	4,1							
5	ROPE	6,1							
5	ROPE	4,1							
5	ROPE	4,3	62,3						
5	ROPE	382,3	232,4						
5	ROPE	5,1							
5	ROPE	62,1							
5	ROPE	62,1							
5	ROPE	62,5							

Allt WCA

HEADQUARTERS

DATA CONTROL NUMBER \_\_\_\_\_  
JOB NO / PROJECT NO

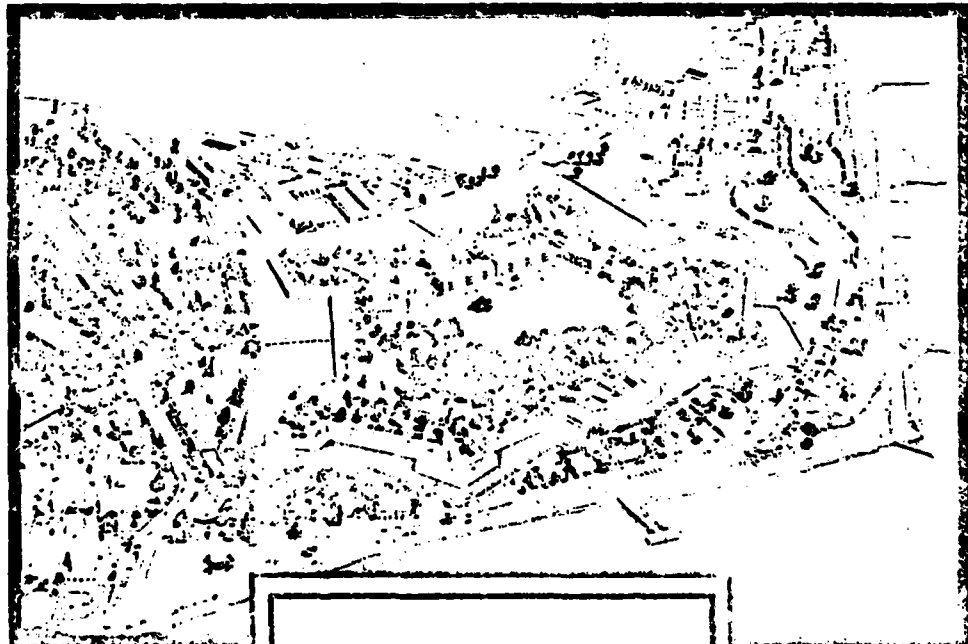
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

JAN 9 1987

ORAD



MOS- 62J  
Skill level 1

Allt WCA

PREPARED BY: OPERATIONS DIV, DPFO

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

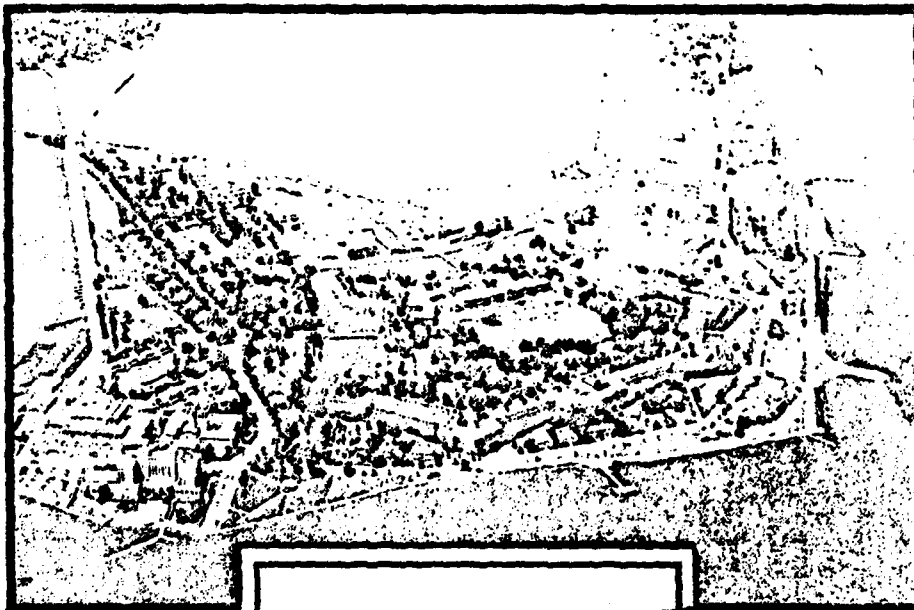
ATDP FORM 109  
7/76 55 Replaces ATDP 118, Jul 72, which is obsolete





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

DATA CONTROL NUMBER \_\_\_\_\_  
JOB NO / PROJECT NO



Word Criticality Analysis  
MOS: 62J  
Skill Level 2

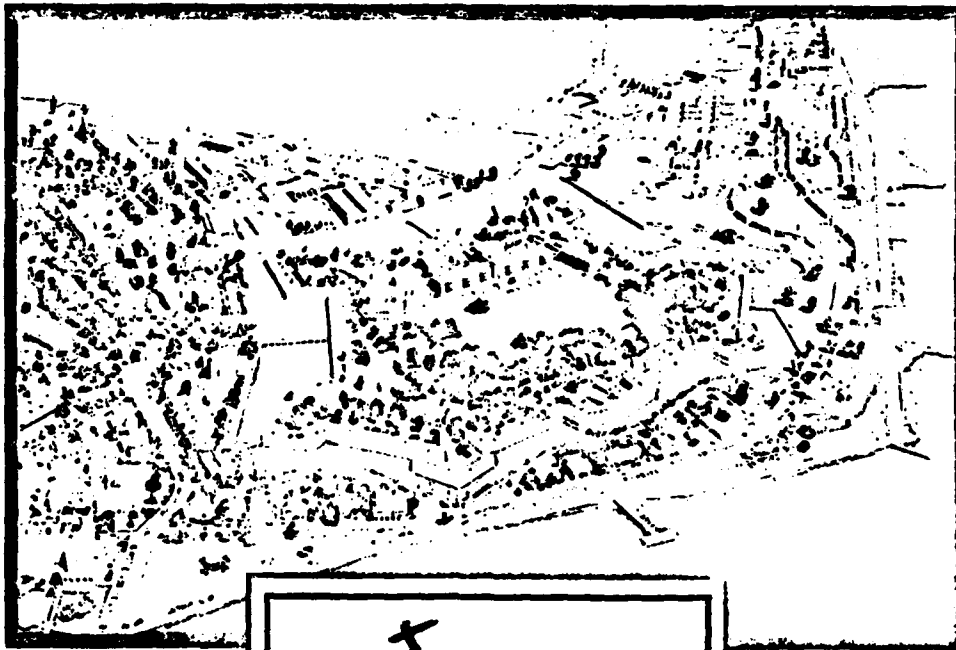
PREPARED BY: OPERATIONS DIV, DPFO  
ATDP FORM 109-1  
Oct 68 edition may be used until exhausted.

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

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

DATA CONTROL NUMBER \_\_\_\_\_  
JOB NO / PROJECT NO

WCA



OCT 22 1989  
ORAD  
ENS

J  
62 SL2

PREPARED BY: OPERATIONS DIV, DPFO

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

ATDP FORM 109 September 1976, Jul 74, when in effect

SEQUENTIAL DATA MANAGER

MOS 62J SKILL  
PAGE NO 2 TYPE RECORD BYTES

1 ACTIVITIES  
1 AFFILIATION OPERATION  
4 ADDRESS LINE  
4 BUSINESS  
1 DEVE IN  
1 DEPTH  
5 POINT OPERATED  
2 HORIZONTAL  
5 LOCK PIN  
5 MANUFACTURER S  
3 OILCK STAGE  
1 TEMPER. BREAKFILL  
3 VALUE  
1 WARM UP

TRN 80  
TRN 81  
TRN 82  
TRN 83  
TRN 84  
TRN 85  
TRN 86  
TRN 87  
TRN 88  
TRN 89  
TRN 90  
TRN 91  
TRN 92  
TRN 93  
TRN 94  
TRN 95  
TRN 96  
TRN 97  
TRN 98  
TRN 99  
TRN 00

MASTER READ 2755  
LRECL 32  
BLKSIZE 3136

TRANS READ 139  
LRECL 80  
BLKSIZE 8000

UPDATED RECCRDS 226  
LRECL 32  
BLKSIZE 3136



MOS WORD LIST BY PAGE

DATE 8-29-67 PAGE 2

2	BUSH	15.3	62.27	2.1	
2	CONNECTIONS	62.12			
2	CONNECTION	62.1			
2	CONVEYOR	22.4			
2	CYLINDER	62.11	10.1		
2	DEFICIENCIES	62.6	10.2	7.1	5.3
2	HGE	62.1			
2	MANAGEMENT	302.1	62.2	4.1	
2	REQUIREMENT	8.1	62.5		
2	RESTRICTION	6.1			
1	RUSHING	62.2			
1	COPIES	62.1			
1	CONSUMPTION	62.3	10.1	5.2	
1	DISCHARGE	62.1	20.2		
1	DISCONNECT	62.1			
1	GAGES	62.3	10.1	7.2	
3	HAUL	62.1			
3	HOSE	62.1			
1	HYDRAULIC	6.1	62.1		
1	MANEUVER	62.1			
1	MATERIAL	62.3			
3	PERFORMANCE	62.1			
1	RADIATOR	6.1			
1	SPILLS	62.2			
3	REFERENCES	62.1	5.1	4.2	
3	SERVICE	8.1			
3	SOIL	62.4			
3	TECHNICAL	7.1	5.2	62.7	
4	HYCID	62.2			
4	ROCK	1.1	62.1		
4	BUCKET	62.7	16.2	15.1	
4	BUCKETS	62.1			
4	CIRCUIT	62.1			
4	CONTACT	62.1			
4	FAULTS	62.1			
4	JAN	62.4			
4	METHOD	62.3			
4	PLACEMENT	62.1			
4	POSITIONED	62.2			
4	ROTATE	62.1	10.1		
4	ROTATION	62.2			
4	SEAL	10.1			
4	SPINMENT	62.1	10.1	6.1	
4	TERMINALS	62.1			
4	WIPING	1.1			
4	WORK	1.1	6.1	5.1	62.1
4	YARDS	62.1			
5	AVAILABLE	62.1			
5	BETWEEN	62.4			
5	BEVING	62.2			

MOS WORD LIST BY PAGE

DATE 87292 00CT PAGE 3

5	CIRCUMFERENCE	62.1					
5	CONVERTER	7.1					
5	DAMAGE	62.3	4.3				
5	DEFENSES	62.1					
5	DISTANCE	62.2					
5	DITCHER	23.1					
5	EVAPORATOR	6.1					
5	EXISTING	62.1					
5	FEET	18.1	62.5				
5	FIBER	4.1					
5	FOOTBRAKE	5.7	4.6	62.23	13.3	8.2	7.1
5	FORM	62.1					
5	LOCATION	62.1					
5	MASTER	133.1					
5	MOISTURE	6.1					
5	PAVING	62.1					
5	PILE	62.1					
5	POBT	392.1					
5	POWER	62.3					
5	PUMP	62.2	10.1				
5	REFRACT	62.7					
5	ROCK	62.1					
5	ROCK	62.1					
5	ROCK	62.1					
5	SIMULTANEOUSLY	62.1					
5	TECHNIQUES	62.1					
5	TEETH	62.1					

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

Addit WCA

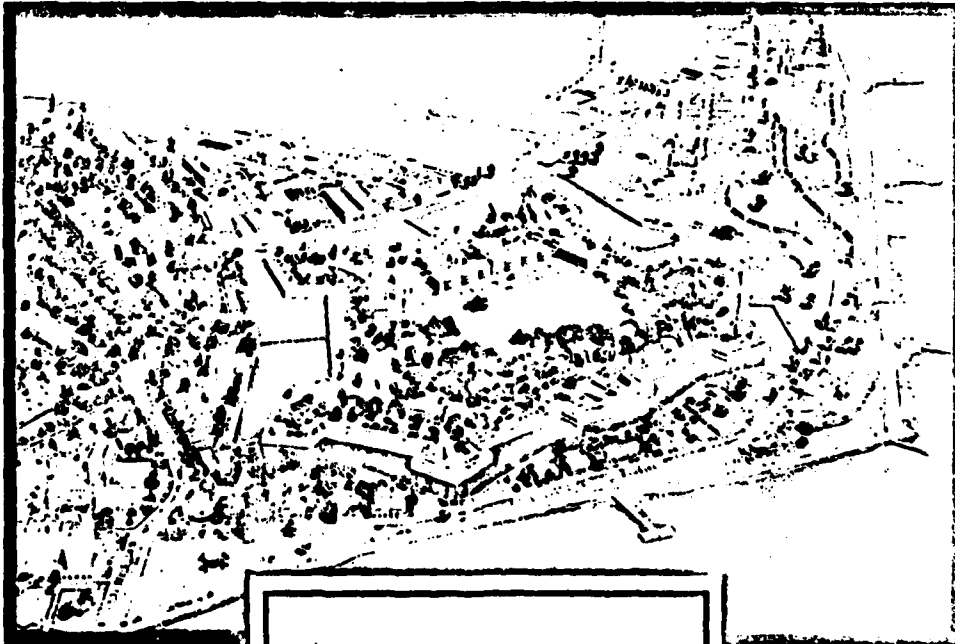
DATA CONTROL NUMBER

104 NO / PROJECT NO

WCA

JAN 6 1981

URAD



MOS- 62J  
Skill Level 2 -

Addit WCA

PREPARED BY: OPERATIONS DIV. DPFO

COPY \_\_\_ OF \_\_\_ COPIES

ATDP FORM 109 Replaces ATDP 110, Jul 75, which is obsolete



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

*Addit wca*

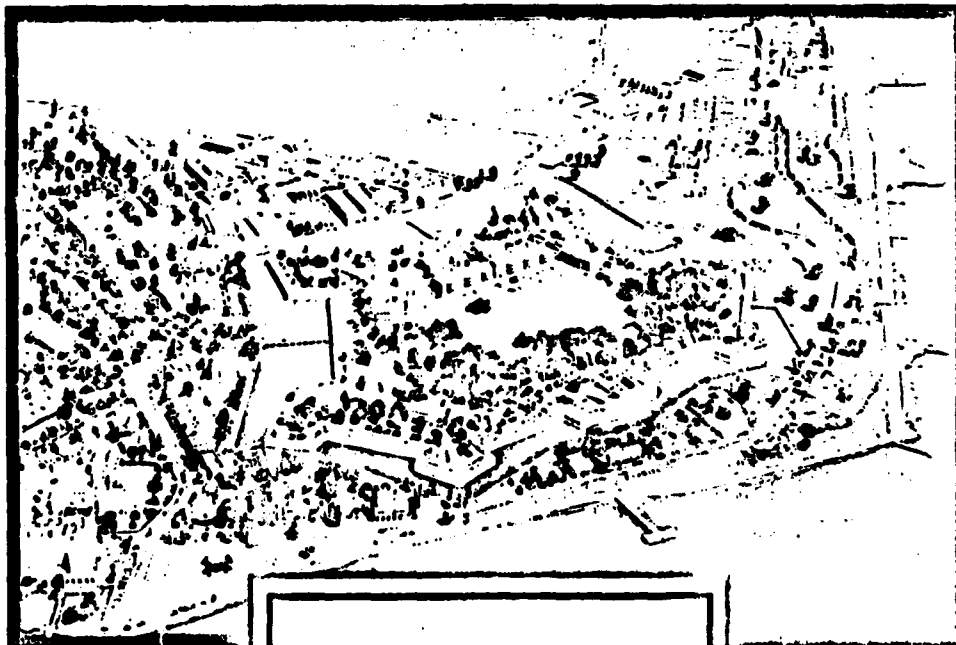
DATA CONTROL NUMBER

JOB NO / PROJECT NO

*WCA*

JAN 6 1981

*ORAD*



*MOS- 62J  
Skill Level 2*

*Addit  
wca*

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

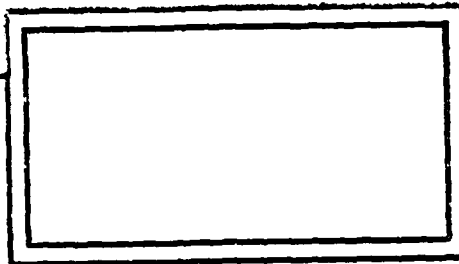
PREPARED BY: OPERATIONS DIV, DPFO

ATDP 109 Supersedes ATDP 110, Jul 75, which is obsolete



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

DATA CONTROL NUMBER 109 NO / PROJECT 60



PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 109-1 Feb 60 edition may be used until exhausted.

COPY \_\_\_\_\_ OF \_\_\_\_\_ COPIES

END

DATE  
FILMED

8 8 2

DTIC