

AD-A116 623

ARMY TRAINING DEVELOPMENTS INST FORT MONROE VA
WORD CRITICALITY ANALYSIS. MOS: 17K. SKILL LEVELS 1 & 2.(U)
SEP 81 A A LONGO
MOS-17K

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JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



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Word Criticality Analysis

MOS: 17K

Skill Levels 1 & 2

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM 109-1
Ocr: 80 109-1 Feb 80 edition may be used
until exhausted.

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 17K	2. GOVT ACCESSION NO. AD A116623	3. RECIPIENT'S CATALOG NUMBER
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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DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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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

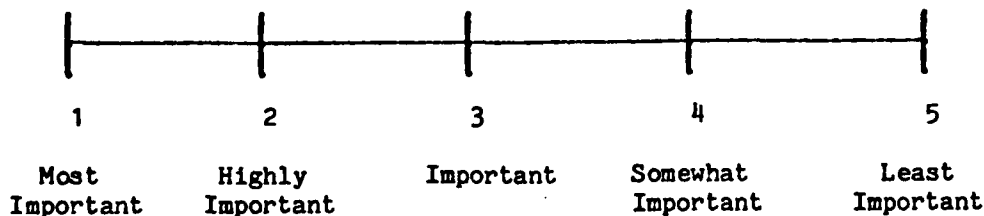
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

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:

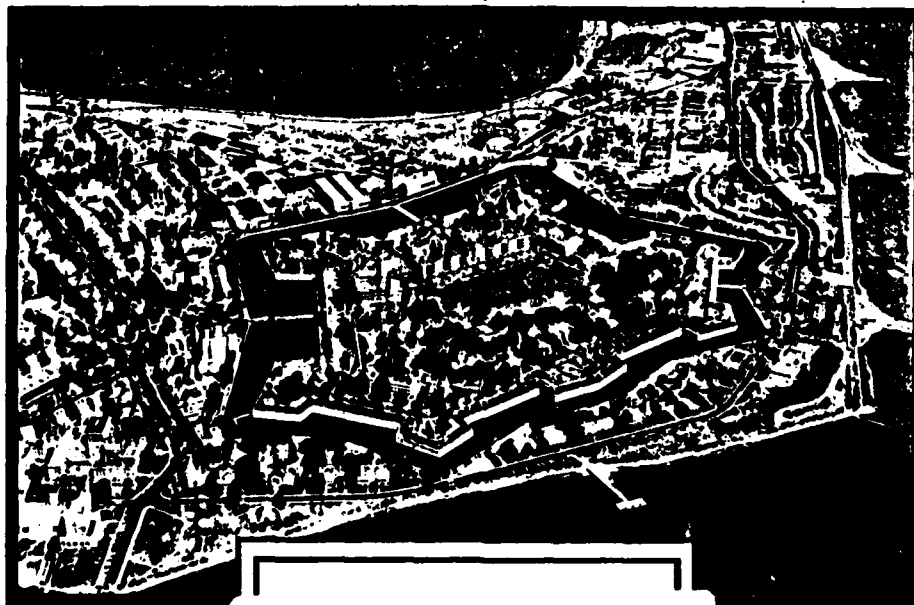


Accession	✓
NTIS	✓
DTIC	✓
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER 100 NO / PROJECT NO



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WCA
3 MAR 1954
OKAD

WORD CRITICALITY MERGED
MOS 17K
SKILL LEVEL 1/2

PREPARED BY: OPERATIONS DIV. DPFO

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Complete Ref
WCA
17K 1/2
Combined
new wk slts

PAGE NO

2 TYPE RECD BYTES

2	ACCURACY	TRA	80
2	ACCURACY	TRA	80
2	ACCURATE	TRA	80
2	ACCURATELY	TRA	80
2	ADJOINING	TRA	80
2	ADJUST	TRA	80
2	ADJUSTED	TRA	80
2	ADJUSTED	TRA	80
2	ADJUSTMENTS	TRA	80
1	AFC	TRA	80
2	ALIGN	TRA	80
2	ALIGN	TRA	80
2	ALIGNED	TRA	80
2	ALIGNED	TRA	80
2	ALIGNING	TRA	80
2	ALIGNMENT	TRA	80
2	ALIGNMENT	TRA	80
2	ALL TERRAIN	TRA	80
2	ALL WEATHER	TRA	80
1	AN/PPS-4A	TRA	80
1	AN/PPS-5	TRA	80
1	ANGLES	TRA	80
1	ANIPPS-5	TRA	80
2	ANTENNA	TRA	80
1	ANTENNA	TRA	80
1	ANTENNA	TRA	80
2	ANTENNA	TRA	80
2	AREA	TRA	80
2	ASSETS	TRA	80
2	AUTOMATIC	TRA	80
2	AUTOMATICALLY	TRA	80
1	AZIMUTH	TRA	80
1	AZIMUTHS	TRA	80
1	AZIMUTHS	TRA	80
1	AZMUTH	TRA	80
1	B SCOPE	TRA	80
2	BACK	TRA	80
2	BACK	TRA	80
1	BATTERY	TRA	80
1	BEAM	TRA	80
2	BOUNDRIES	TRA	80
2	BOUNDRIES	TRA	80
2	BRIGHTNESS	TRA	80
4	BUBBLE	TRA	80
4	BUBBLE ON	TRA	80
1	CABLE	TRA	80
1	CABLES	TRA	80
1	CALIBRATE	TRA	80
1	CALIBRATION	TRA	80
2	CARBURETOR	TRA	80
2	CENTER	TRA	80

SEQUENTIAL DATA MANAGER

PAGE NO

3 TYPE RECORD BYTES

2	CENTER	TRA	80
3	CENTERED	TRA	80
4	CHANNELS	TRA	80
3	CHART	TRA	80
3	CHECK	TRA	80
3	CHECKED	TRA	80
1	CHECKPOINTS	TRA	80
3	CHECKS	TRA	80
2	CLIFFS	TRA	80
4	COLOR	TRA	80
1	COLUMN	TRA	80
4	COMMUNICATION	TRA	80
1	COMPASS	TRA	80
1	COMPASS	TRA	80
2	CONCEALMENT	TRA	80
4	CONDITIONS	TRA	80
1	CONNECTED	TRA	80
2	CONNECTING	TRA	80
2	CONNECTORS	TRA	80
1	CONTOUR	TRA	80
1	CONTROLS	TRA	80
1	CONVERT	TRA	80
1	CONVERTED	TRA	80
1	COORDINATE	TRA	80
1	COORDINATE	TRA	80
1	COORDINATES	TRA	80
1	COORDINATES	TRA	80
3	COORDINATION	TRA	80
4	CORRECTLY	TRA	80
1	COUNTER	TRA	80
2	COUNTER	TRA	80
3	COUNTERCLOCKWISE	TRA	80
1	COUNTERMEASURES	TRA	80
1	COVER	TRA	80
3	COVERAGE	TRA	80
1	CROSSHAIR	TRA	80
1	CROSSHAIRS	TRA	80
3	DATA	TRA	80
3	DATA	TRA	80
2	DECEPTION	TRA	80
1	DECLINATION	TRA	80
1	DEGREES	TRA	80
3	DESCRIPTION	TRA	80
2	DESIGNATED	TRA	80
2	DESIGNATED	TRA	80
3	DESTINATION	TRA	80
1	DETECTED	TRA	80
2	DETERMINE	TRA	80
2	DEVIATION	TRA	80
3	DIGITS	TRA	80
1	PIPS	TRA	80

SEQUENTIAL DATA MANAGER

PAGE NO

4 TYPE

RECORD BYTES

2	DIRECTION	TRA	80
2	DISASSEMBLY	TRA	80
3	DISCONNECT	TRA	80
2	DISPLAY	TRA	80
3	DISSEMINATE	TRA	80
2	DISTANCE	TRA	80
2	DISTORTION	TRA	80
1	DRAM	TRA	80
1	ECH	TRA	80
2	ECH	TRA	80
3	ELECTRONIC	TRA	80
3	ELECTRONIC	TRA	80
4	ELEVATED	TRA	80
2	ELEVATION	TRA	80
1	ELEVATION	TRA	80
1	EMPLACED	TRA	80
1	EMPLACED	TRA	80
2	EMPLOYMENT	TRA	80
4	ENVIRONMENT	TRA	80
4	ENVIRONMENT	TRA	80
4	EQUIPMENT	TRA	80
4	EXPOSE	TRA	80
3	EXTENSION	TRA	80
1	FEEDHORN	TRA	80
3	FM	TRA	80
2	FOCUS	TRA	80
3	FREQUENCY	TRA	80
2	GAIN	TRA	80
1	GRID	TRA	80
1	GRID	TRA	80
1	GRIDLINE	TRA	80
1	GRIDLINES	TRA	80
1	HEADPHONES	TRA	80
1	HEADSETS	TRA	80
2	HILLS	TRA	80
2	HILLTOP	TRA	80
2	HORIZON	TRA	80
2	IDENTIFIED	TRA	80
2	IDENTIFY	TRA	80
2	IDENTIFY	TRA	80
3	IDENTIFIED	TRA	80
3	INDICATED	TRA	80
3	INDICATION	TRA	80
2	INDICATOR	TRA	80
2	INDICATOR	TRA	80
3	INFORMATION	TRA	80
1	INTERSECT	TRA	80
1	INTERSECTION	TRA	80
2	INTERVAL	TRA	80
1	INTERVAL	TRA	80
1	JAMMING	TRA	80

SEQUENTIAL DATA MANAGER

PAGE NO 5 TYPE RECORD BYTES

3	LEFT	TRA	80
2	LEGEND	TRA	80
1	LENSATIC	TRA	80
1	LENSATIC	TRA	80
3	LEVEL	TRA	80
4	LOCATE	TRA	80
4	LOCATION	TRA	80
4	LOCATION	TRA	80
4	LOG	TRA	80
2	MAGNETIC	TRA	80
1	MAP	TRA	80
1	MAPS	TRA	80
2	MARGIN	TRA	80
2	MARGINAL	TRA	80
1	MARGINAL	TRA	80
2	METER	TRA	80
2	METER	TRA	80
2	METERS	TRA	80
2	METERS	TRA	80
1	MIL	TRA	80
1	MILL	TRA	80
1	MILLS	TRA	80
1	MILS	TRA	80
2	MODE	TRA	80
2	MONITORING	TRA	80
4	MOVEMENT	TRA	80
1	MULTIMETER	TRA	80
4	NAVIGATE	TRA	80
4	NAVIGATE	TRA	80
4	NAVIGATION	TRA	80
3	NORTH	TRA	80
3	NORTH	TRA	80
2	OPERATOR	TRA	80
2	OPTIMIZE	TRA	80
3	ORGANIZATIONAL	TRA	80
1	ORIENT	TRA	80
1	ORIENT	TRA	80
1	ORIENTATION	TRA	80
2	ORIENTATION	TRA	80
1	ORIENTED	TRA	80
1	ORIENTED	TRA	80
2	OVERLAY	TRA	80
2	OVERLAYS	TRA	80
1	PEAK	TRA	80
3	PLOT	TRA	80
3	PLOTTED	TRA	80
1	PLOTTER	TRA	80
4	POSITION	TRA	80
1	PPS-44	TRA	80
4	PRESENTATION	TRA	80
4	PRESENTATIONS	TRA	80

SEQUENTIAL DATA MANAGER

PAGE NO 6 TYPE RECORD BYTES

2	PROTRACTOR	TRA	80
2	PROTRACTOR	TRA	80
1	RADAR	TRA	80
1	RADAR	TRA	80
1	RADARS	TRA	80
4	RANGE	TRA	80
4	RANGE	TRA	80
1	RECEIVER-TRANSMITTER	TRA	80
3	RECEPTACLE	TRA	80
1	RECIEVER	TRA	80
1	REFLECTOR	TRA	80
2	REMOTE	TRA	80
2	RESECTION	TRA	80
2	PIOGES	TRA	80
1	RT	TRA	80
2	SADOLE	TRA	80
2	SCAN	TRA	80
2	SCOPES	TRA	80
3	SEARCH	TRA	80
2	SEARCHING	TRA	80
1	SEARCHLIGHT	TRA	80
2	SECTOR	TRA	80
4	SHEET	TRA	80
3	SIGHTINGS	TRA	80
3	SIGNAL	TRA	80
3	SIGNAL	TRA	80
4	SITE	TRA	80
4	SITUATION	TRA	80
2	SIX-DIGIT	TRA	80
2	STAND-BY	TRA	80
3	SUBORDINATE	TRA	80
3	SUPERVISES	TRA	80
1	SURVEILLANCE	TRA	80
1	SURVEILLANCE	TRA	80
4	SWEEP	TRA	80
3	SWITCH	TRA	80
5	SYMBOLS	TRA	80
5	SYMBOLS	TRA	80
2	TACTICAL	TRA	80
1	TARGET	TRA	80
2	TELESCOPE	TRA	80
3	TERRAIN	TRA	80
2	TOPOGRAPHIC	TRA	80
3	TOPOGRAPHIC	TRA	80
3	TOPOGRAPHICAL	TRA	80
4	TRACE	TRA	80
3	TRACING	TRA	80
3	TRANSMIT	TRA	80
1	TRIPOD	TRA	80
3	TROUBLESHOOTING	TRA	80

SEQUENTIAL DATA MANAGER

PAGE NO 7 TYPE RECORD BYTES

3 VALLEYS
3 VEHICLES
3 VERTICAL
2 VIDEO
3 WINGNUTS
2 WINGSCREW

TRA 80
TRA 80
TRA 80
TRA 80
TRA 80
TRA 80

MASTER READ 1288
LRECL 32
BLKSIZE 3136

TRANS READ 287
LRECL 80
BLKSIZE 8000

UPDATED RECORDS 93
LRECL 32
BLKSIZE 3136

SYNCSORT IV-AND-A-HALF COPYRIGHT WHITLOW COMPUTER SYSTEMS, INC. 1979 REL 2.3EN DATE=81/036 TIME=01.36.14
MVT REL 21.8 CPU MODEL 63 50000100

SORT FIELDS=(1,25,CH2A)

WER1368 DGB PARM MISSING ON SORTIN DD

WER1648 CORE AVAIL 0114688,REQ MAX ,USED 0114688

WER1518 SECONDARY EXTENTS OBTAINED 000

WER0368 B = 62

WER0388 NMAX = 292681

WER1638 TRCKS-PRIN=000760,SEC=00000,REL=000000

WER0378 C = 1560

WER1771 TURNAROUND SORT PERFORMED

WER045C END SORT PH

WER2461 FILESIZE 2,976 BYTES

WER0541 RCD IN 93, DLT 93

WER1691 TPFYS APPLIED 1234

WER0521 END SYNCSORT QPT= M, THER01PT,STEPS

0003...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100...105...110..

HEADER1: MDS WRD LIST BY PAGE TO 50	00000100
HEADER2: 1 TO 1	00000200
IF EQ W2 ENDRUN	00000300
IF 2 GT REF GOBACK	00000400
IF SYIN # 1 MOVE 1 TO M1,25 MOVE SPACES TO 1,132	00000500
MOVE 1 TO 1,1	00000600
MOVE 2 TO 4,30	00000700
GOBACK	00000800
IF 1 N M1,25 W2 MOVE SPACES TO 1,132 MOVE 1 TO 1,1	00000900
MOVE 2 TO 4,30	00001000
MOVE 1 TO M1,25	00001100
GOBACK	00001200
IF R34 # 1 MOVE 26 TO 34,7 GOBACK	00001300
IF R42 # 1 MOVE 26 TO 42,7 GOBACK	00001400
IF R50 # 1 MOVE 26 TO 50,7 GOBACK	00001500
IF R58 # 1 MOVE 26 TO 58,7 GOBACK	00001600
IF R66 # 1 MOVE 26 TO 66,7 GOBACK	00001700
IF R74 # 1 MOVE 26 TO 74,7 GOBACK	00001800
IF R82 # 1 MOVE 26 TO 82,7 GOBACK	00001900
IF R90 # 1 MOVE 26 TO 90,7 GOBACK	00002000
IF R98 # 1 MOVE 26 TO 98,7 GOBACK	00002100
IF R106 # 1 MOVE 26 TO 106,7 GOBACK	00002200
IF R114 # 1 MOVE 26 TO 114,7 GOBACK	00002300
IF R122 # 1 MOVE 26 TO 122,7 GOBACK	00002400
W2 MOVE SPACES TO 1,132 MOVE 26 TO 26,7	00002500

OWNCODE 382 CONSTANTS 41 FULLWORDS 0 RETURN 64

..05...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100...105...110..

JOBNAME=TMERO1P7 STEP=STEP5 STEP6

DDNAME=SYSPRINT UNIT=642

DDNAME=SYSOUT UNIT=643

DDNAME=SYSUDUMP UNIT=644

DDNAME=SYSUT1 UNIT=169

DDNAME=SYSUT2 UNIT=646

DDNAME=SYSIN UNIT=162

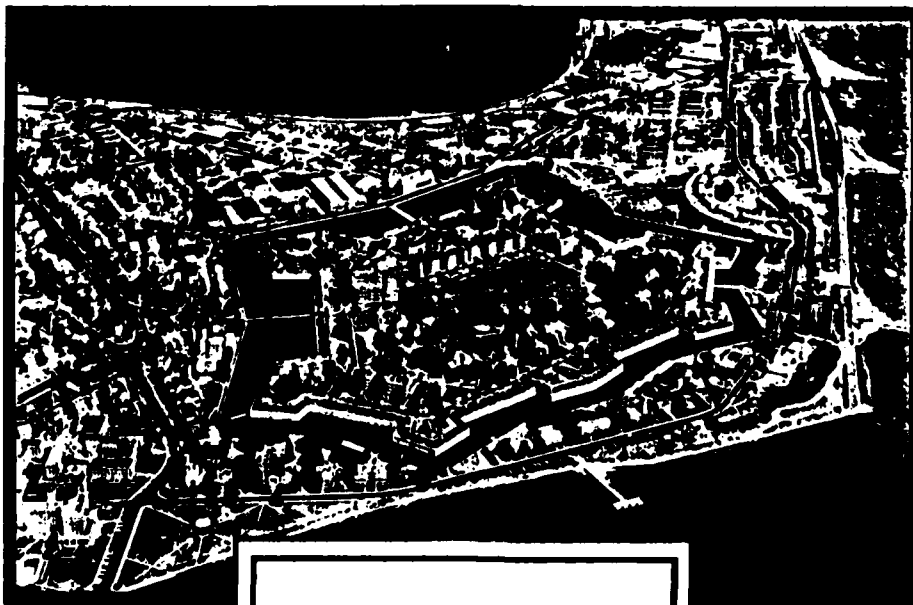
DSN=SYS01035,T174905,RV000,TMERO1P7,PRINT
DSN=SYS01035,T174905,RV000,TMERO1P7,P0003700

SER=YAKUC4
SER6

SYSUT1 INPUT	93	SYSUT2 OUTPUT	27	SYSUT3 OUTPUT	0	SYSUT4 OUTPUT	0
LRECL	32	LRECL	133	LRECL	0	LRECL	0
BLKSIZE	3136	BLKSIZE	133	BLKSIZE	0	BLKSIZE	0

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

DATA CONTROL NUMBER
100 NO / PROJECT NO



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