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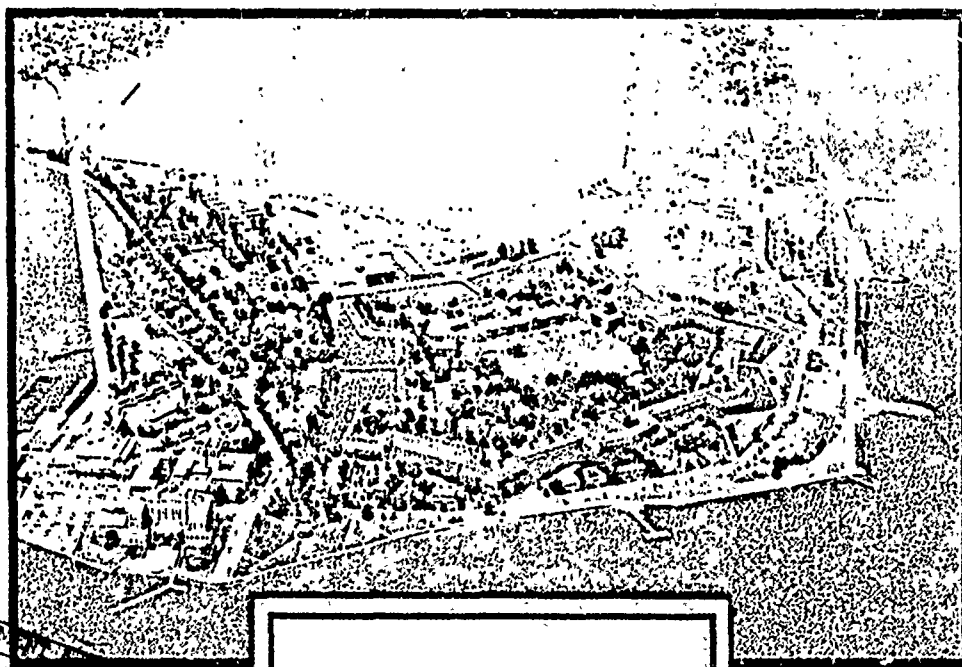
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

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Word Criticality Analysis

MOS: 19E

Skill Level 1

PREPARED BY: OPERATIONS DIV, DPFO

FORM
ATDP Oct 80 109-1

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1. REPORT NUMBER 19E	2. GOVT ACCESSION NO. AD-A116555	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Word Criticality Analysis MOS: 19E Skill Level: 142		5. TYPE OF REPORT & PERIOD COVERED Final
7. AUTHOR(s) Dr. Alexander A. Longo		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE Sep 1981
		13. NUMBER OF PAGES 8
		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. ↗		

DD FORM 1 JAN 73 1473

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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

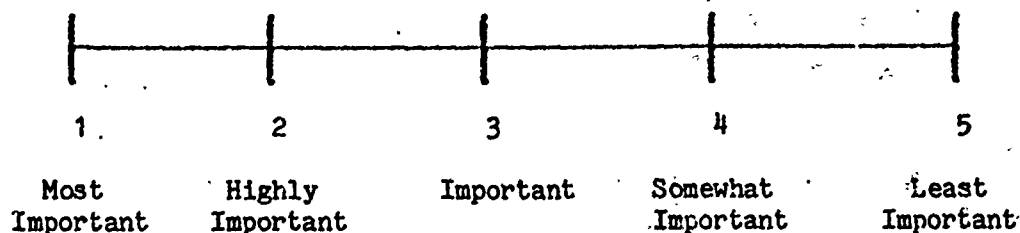
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

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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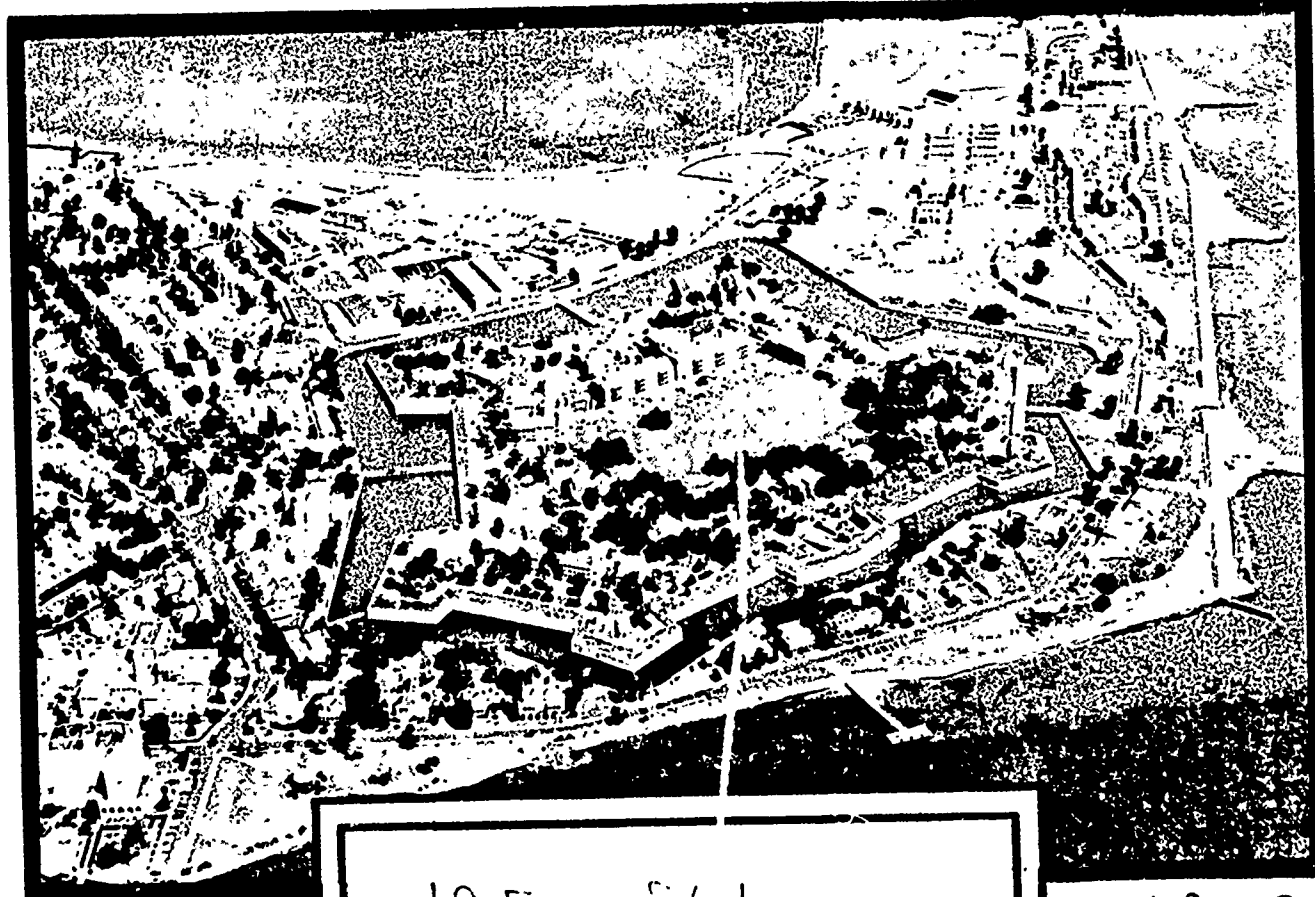
DATA CONTROL NUMBER

Job No/Proj No

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KP = @
P = C

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Feb 80 which is obsolete

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MOS 29E SKILL 1

PAGE NO	2 TYPE	RECORD BYTES
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SEQUENTIAL DATA MANAGER

- 7 APPASIVES
- 7 ABRUPT
- 2 ACCFLERATION
- 3 ACCENT
- 4 ACCEPTABLE
- 3 ACCESS
- 7 ACCESSIBLE
- 2 ACCOMPANIED
- 3 ACCOMPLISHED
- 4 ACCORDANCE
- 4 ACCOUNTABILITY
- 2 ACCOUNTS
- 7 ACCEIVE
- 7 ACKNOWLEDGEMENT
- 2 ACQUISITION
- 1 ACTIVATE
- 2 ACTUATED
- 7 ACTUATOR
- 7 ACAPTABLE
- 2 ADEQUATE
- 4 ADJACENT
- 7 ADJUSTING
- 5 ADMINISTRATION
- 5 ADMINISTRATIVE
- 4 ADVANTAGE
- 7 ADVISE
- 1 AFFECT
- 7 AFFORDS
- 5 AFTERTHOUGHT
- 5 AIRBURST
- 1 ALERT
- 2 ALICING
- 7 ALTERNATE
- 4 ALTITUDE
- 2 ALTITUDE

2 MICHIGAN
4 AFFILIATION
2 APERTURE
2 APPARATUS
2 APPARENT
2 APPENDIX
4 APT
2 AREA
2 ARMAMENT
1 ARMED
2 ARMS
2 ARMORER
2 ARMS
1 ARMS

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2

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Unannounced	☐
Justification	☐
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Distribution/	
Availability Codes	
Avail and/or	
Dist	
Special	

SEQUENTIAL DATA MANAGER

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3 ARTILLERY	TRN	80
1 ASSAULT	TRN	80
1 ASSAULT	TRN	80
2 ASSAULT	TRN	80
1 ASSEMBLE	TRN	80
1 ASSIST	TRN	80
3 ASSISTANCE	TRN	80
4 ASSOCIATED	TRN	80
1 ASSEMBLE	TRN	80
1 ATTACH	TRN	80
2 ATTENTION	TRN	80
1 AUTHENTICATE	TRN	80
2 AUTHENTICATION	TRN	80
2 AUTHORITY	TRN	80
4 AUXILIARY	TRN	80
4 AVAILABLE	TRN	80
5 AVIATORS	TRN	80
2 AXIS	TRN	80
1 BAIL	TRN	80
4 BAIL	TRN	80
4 BANGOLEFR	TRN	80
2 BASIC	TRN	80
4 BATTALION	TRN	80
2 BATTERY	TRN	80
2 BATTLEFIELD	TRN	80
4 BELLIED	TRN	80
1 BELT-RETAINING	TRN	80
4 BLINDING	TRN	80
2 BINOCULAR	TRN	80
4 BIRD	TRN	80
1 BLOT	TRN	80
2 BLOUSE	TRN	80
3 BLUNT	TRN	80
1 BOG	TRN	80
2 BOLT	TRN	80
2 BORECHAMBER	TRN	80
4 BRACKER	TRN	80
2 BRANCH	TRN	80
4 BUILD-UP	TRN	80
3 CAAT	TRN	80
4 CAPABILITY	TRN	80
4 CAPABLE	TRN	80
3 CAPACITY	TRN	80
2 CATCHES	TRN	80
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2 CENTIMETERS	TRN	80
5 CENTRALIZED	TRN	80
5 CERTIFICATION	TRN	80
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2 CHARACTERISTICS	TRN	80
1 CHARGE	TRN	80

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2 CHARGE	TRN	80
2 CHARGING	TRN	80
3 CHASSIS	TRA	80
2 CHEST	TRN	80
2 CIRCUITRY	TRN	80
3 CIRCULAR	TRN	80
4 CIRCUMSTANCES	TRN	80
2 CLEARANCE	TRN	80
3 CLIMATIC	TRN	80
4 COLLECT/REPORT	TRN	80
2 COMBUSTIBLES	TRN	80
1 COMMUNICATE	TRA	80
2 COMMUNICATION	TRN	80
4 COMPENSATE IS	TRN	80
2 COMPONENT	TRN	80
2 COMPOSED	TRN	80
1 COMPASS	TRN	80
1 COMPUTED	TRN	80
1 CONCEAL	TRN	80
2 CONCEALMENT	TRN	80
1 CONCENTRATE	TRN	80
3 CONCLUSION	TRN	80
1 CONDUCT	TRN	80
4 CONSECUTIVE	TRN	80
3 CONSTANT	TRA	80
2 CONTINUATION	TRN	80
2 CONTINUE	TRN	80
3 CONTRAST	TRN	80
2 CONVERSION	TRN	80
1 CONVERT	TRN	80
2 CONVERTED	TRN	80
1 COORDINATE	TRN	80
2 COORDINATION	TRA	80
2 CORRECTION	TRN	80
2 COUNTERATTACKS	TRN	80
3 COUNTERCLOCKWISE	TRN	80
2 COURSE	TRA	80
2 CRANK	TRA	80
2 CROSSLINGS	TRN	80
2 CROSSLYHEADS	TRN	80
2 CROSSLING	TRN	80
2 CROWBAR	TRN	80
2 CRUISING	TRN	80
2 CYLINDER	TRN	80
2 DECK	TRN	80
1 DECODE	TRN	80
1 DECONTAMINATE	TRN	80
2 DEFICIENCY	TRN	80
1 DEFINE	TRN	80
2 DEFINITION	TRN	80
1 DESPARE	TRN	80

SEQUENTIAL DATA MANAGER

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S TYPE

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2 DEGREE	TRN	80
3 DENSITY	TRN	80
1 DESCRIBE	TRN	80
2 DESIGNATION	TRN	80
1 DETAIL	TRN	80
2 DETAILS	TRN	80
1 DETERIORATE	TRN	80
1 DETONATE	TRN	80
2 DETONATOR	TRN	80
1 DISARM	TRN	80
1 DISASSEMBLE	TRN	80
1 DISCONNECT	TRN	80
2 DISCREPANCIES	TRN	80
1 DISENGAGE	TRN	80
2 DISPENSER	TRN	80
1 DISPOSE	TRN	80
2 DISTANCE	TRN	80
3 DISTRIBUTE	TRN	80
2 DUAL	TRN	80
3 DOWNING	TRN	80
4 DOWNTAIL	TRN	80
2 DRILL	TRN	80
3 DUCTS	TRN	80
5 ECHOLON	TRN	80
3 EFFECTIVE	TRN	80
4 EFFICIENCY	TRN	80
2 EFFORT	TRN	80
1 EJECT	TRN	80
4 ELECTROLYTE	TRN	80
1 EMPLOY	TRN	80
2 EMPLOYMENT	TRN	80
1 ENCODE	TRN	80
1 ENCOUNTER	TRN	80
2 ENGAGEMENT	TRN	80
1 ERASE	TRN	80
1 ESTABLISH	TRN	80
1 ESTIMATE	TRN	80
1 EVACUATE	TRN	80
2 EVACUATOR	TRN	80
2 EXAMPLE	TRN	80
1 EXCEED	TRN	80
1 EXCHANGE	TRN	80
1 EXECUTE	TRN	80
1 EXPANDED	TRN	80
1 EXPOSE	TRN	80
1 EXTINGUISH	TRN	80
2 EXTRACT	TRN	80
1 EXTRACT	TRN	80
2 EXTRACTOR	TRN	80
2 FAILURE	TRN	80
3 FAMILIARIZATION	TRN	80

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3 FATIGUE	TRN	80
3 FRACTURE	TRN	80
3 FIGHTER	TRN	80
2 FIRES	TRN	80
2 FORCES	TRN	80
2 FORD	TRN	80
2 FORMATION	TRN	80
2 FOULING	TRN	80
4 FUSELAGE	TRN	80
2 GENERATOR	TRN	80
3 GRADES	TRN	80
1 GROUND	TRN	80
1 HAND-TIGHTEN	TRN	80
2 HANGFIRE	TRN	80
2 HAZARD	TRN	80
4 HIGH-VELOCITY	TRN	80
3 HOLLOWDRUM	TRN	80
1 IGNITE	TRN	80
3 ILLEGIBLE	TRN	80
1 INVERSE	TRN	80
2 INMUTUAL	TRN	80
3 IMMORILE	TRN	80
1 IMPREGNATED	TRN	80
2 INACTIVE	TRN	80
1 INCLUDE	TRN	80
2 INDEX J J FILE	TRN	80
1 INDEX J J LIST	TRN	80
1 INFLATE	TRN	80
2 INFLUENCE	TRN	80
2 IMPAIRED	TRN	80
1 INITIATE	TRN	80
2 INCORPORATED	TRN	80
1 INSTANT	TRN	80
1 INSTALL	TRN	80
1 INSTRUCT	TRN	80
2 INTERCOMMUNICATIONS	TRN	80
2 INTERLOCK	TRN	80
2 INTERMITTENT	TRN	80
1 INTERNAL	TRN	80
1 INTERRUPT	TRN	80
2 INTERVAL	TRN	80
2 JUNCTION	TRN	80
1 LOOP	TRN	80
2 LASHING	TRN	80
2 LATCH	TRN	80
2 LAYOUT	TRN	80
1 LEAVE	TRN	80
3 LEGIBILITY	TRN	80
2 LINEAR	TRN	80
2 LINKAGE	TRN	80
1 LOCK	TRN	80

PAGE 10 7 TYPE RECORD BYTES

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SEQUENTIAL DATA MANAGER

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S. TYPE

RECORD BYTES

2	ORIFICES	TRN	80
2	ORIGINAL	TRA	80
2	OUTLINE	TPN	80
2	OVERGARMENT	TAN	80
2	OVERLAP	TRN	80
2	PAJEL	TRN	80
3	PARALLAX	TRN	80
2	PARALLEL	TRN	80
4	PARTIALLY	TRN	80
4	PARTICULAR	TRN	80
2	PEGAL	TRN	80
2	PEEPSIGHT	TRN	80
2	PERSISTENT	TRN	80
2	PERSONAL	TRA	80
2	PICK J J TOOL	TRN	80
2	PINIONS	TRN	80
2	PINPLE	TRN	80
1	PIVOT	TRN	80
2	PLATFORM	TRN	80
1	PLOT	TRN	80
2	POCKET	TRA	80
3	POLARITY	TRN	80
2	PORTS	TAN	80
1	POSITION J J ENPLACE	TAN	80
2	POSITION J J LOCATION	TAN	80
1	POSSESSION	TAN	80
1	POST	TAN	80
4	POWER-FOULED	TAN	80
2	PRACTICE	TRN	80
4	PREFORANGED	TAN	80
2	PREFEDED	TRN	80
2	PRECEDENCE	TRN	80
2	PRECISION	TAN	80
3	PREFERRED	TRN	80
3	PRELIMINARY	TRN	80
4	PREVATURE	TAN	80
2	PREPARATION	TRN	80
1	PREPARE	TPN	80
2	PRESERVATIVE	TRN	80
1	PRESET	TAN	80
4	PREVIOUSLY	TAN	80
2	PRIMER	TAN	80
2	PRINCIPLE	TAN	80
1	PRIORITY	TAN	80
2	PROBE	TAN	80
1	PROCEED	TRN	80
1	PROCESS	TAN	80
2	PROFICIENCY	TAN	80
2	PROJECTOR	TAN	80
3	PRONE	TRA	80
2	PROGGS		

PAGE AC 9 TYPE RECORD BYTES

1 PROPELLANT
1 PREGNATION
1 PUBLISHED
1 PURGE
2 QUADRANT
2 RAB
2 RACIOLOGICAL
4 RAKING
2 RAMP
2 RATCHET
1 RE-LAY
1 REACH
1 READJUST
1 REALIGN
1 REASSURE
2 RECEIVER J J GUN PART
2 RECEIVER J J RADIO
2 RECOGNITION
1 RECOGNIZE
2 RECONNAISSANCE
1 RECOO
2 RECORDS
1 REFLECTED
1 REGAIN
2 REGULATOR
1 REINSTALL
1 RELIEVE
1 RELEASE
2 REPEATED
3 REPLACE MEN
1 REQUEST
2 REQUIREMENT
3 REQUISITION
1 RESERVE
2 RESERVOIR
1 RESTRICTED
2 RETAINER
2 REVOLVERS
2 RHIC STAT
2 RIGGERS
1 RIG
2 ROLLER
2 ROUND J J AMMUNITION
2 ROUND J J CIRCULAR
3 SADDLE
1 SCAN
2 SCAVENGE
2 SCOPE
1 SCREEN
1 SEAR
1 SECTOR

[illegible]

SEQUENTIAL DATA MANAGER

PAGE NO 10 TYPE RECORD BYTES

1 SECURE	TRN	80
1 SECURE	TRN	80
2 SENSE	TRN	80
2 SENSOR	TRN	80
2 SEQUENCE	TRN	80
2 SERIES	TRN	80
4 SERVICEABILITY	TRN	80
2 SCREENS	TRN	80
1 SHEET	TRN	80
4 SHEET	TRN	80
3 SHOCK	TRN	80
2 SIGNATURES	TRN	80
1 SIMULATED	TRN	80
2 SITE	TRN	80
1 SKETCH	TRN	80
2 SNICKELING	TRN	80
2 SOLVENT	TRN	80
1 SPECIFIC	TRN	80
3 SPENT	TRN	80
1 SPREAD	TRN	80
4 SPRING-LOADED	TRN	80
2 SQUELCH	TRN	80
2 STABILIZATION	TRN	80
2 STAYS	TRN	80
2 STEADY	TRN	80
3 STEEP	TRN	80
1 STEER	TRN	80
2 STORAGE	TRN	80
2 STRAND	TRN	80
2 STRIP	TRN	80
2 "J" SEQUENT	TRN	80
3 SUCCESSIVE	TRN	80
2 SUFFIX	TRN	80
3 SUPERIOR	TRN	80
1 SUPPESCE	TRN	80
4 SUPPLEMENTARY	TRN	80
2 SUPPRESSOR	TRN	80
1 SURGE	TRN	80
4 SURROUNDING	TRN	80
2 SURVEILLANCE	TRN	80
2 SUSPECT	TRN	80
2 SUSPENSION	TRN	80
4 SUSPICIOUS	TRN	80
1 SUSTAIN	TRN	80
1 SWITCH J J MOVE/	TRN	80
2 SWITCH J J SELECTOR	TRN	80
2 SYNROL	TRN	80
2 TACHOMETER	TRN	80
3 TAUT	TRN	80
2 TECHNIQUE	TRN	80
2 THREADS	TRN	80

SEQUENTIAL DATA MANAGER

PAGE NO 11 TYPE RECORD BYTES

2 TIC-DOWN	TRN	80
2 TORQUE	TRN	80
2 TRACER	TRN	80
2 TRANSMISSION J J GEARS	TRN	80
2 TRANSMISSION J J MESSAGE	TRN	80
2 TRAMWAY	TRN	80
2 TRANSMITTER	TRN	80
2 TRANSPORT	TRN	80
3 TRAVELING	TRN	80
3 TRAVERSING	TRN	80
2 TRIPID	TRN	80
3 UNQUALIFIED	TRN	80
3 UNRESTRICTED	TRN	80
3 UNSERVICED	TRN	80
3 UNSERVICEABLE	TRN	80
2 USABLE	TRN	80
2 USERS	TRN	80
2 VAPOR	TRN	80
2 VARIATIONS	TRN	80
3 VENTILATED	TRN	80
2 VENTILATING	TRN	80
2 VENTILATOR	TRN	80
1 VERIFY	TRN	80
3 VERTICAL	TRN	80
2 VICINITY	TRN	80
2 VOCAL	TRN	80
3 VOLATILE	TRN	80
2 VORTEX	TRN	80
2 VORTEX	TRN	80
2 VORTEX	TRN	80
2 VORTEX	TRN	80

MASTER READ 4526
LRFCL 22
BLKSIZE 3136

TRANS READ 788
LRECL 80
BLKSIZE 8000

UPDATED RECCROS 584
LRECL 32
BLKSIZE 3136

1

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MOS WORD LIST BY PAGE

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1	PROVIDE	2,1					
1	RAISE	3,1					
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2	AREA	3,1	1,3				
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2	BIOLOGICAL	1,3				120,1	
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2	BUFF	14,1	1,2	202,1			
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MOS WORD LIST BY PAGE

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2	COMPOUND	174.1	202.1																	
2	COMPUTER	22.2	21.1	3.2	149.2	120.1														
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2	CORROSION	7.1																		
2	CRADE	14.1	3.1	1.1	321.1	252.1	174.2	120.1	26.1											
2	CRFN	1.1																		
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2	DEBRIS	1.2																		
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2	DEFLECTION	11.1																		
2	DEPRESSION	174.1																		
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2	DEVICE	321.1	120.1	14.1	7.2	4.1														
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2	EXTENSION	4.1																		
2	FORAT	24.2																		
2	FREQUENCY	7.1	4.1																	
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2	GROUND	5.1																		
2	HATCH	5.1	2.1																	
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2	Mechanism	7.4																		
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2	MIL	120.6																		
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2	MUZZLE	3.1																		
2	MUZZLE	3.1																		
2	MUZZLE	22.1																		
2	MUZZLE	14.1																		
2	MUZZLE	14.1	7.4	4.2	3.1	283.1	202.1	174.1	24.4	22.3										
2	MUZZLE	14.1																		
2	MUZZLE	3.1																		
2	MUZZLE	120.1																		
2	MUZZLE	1.1																		

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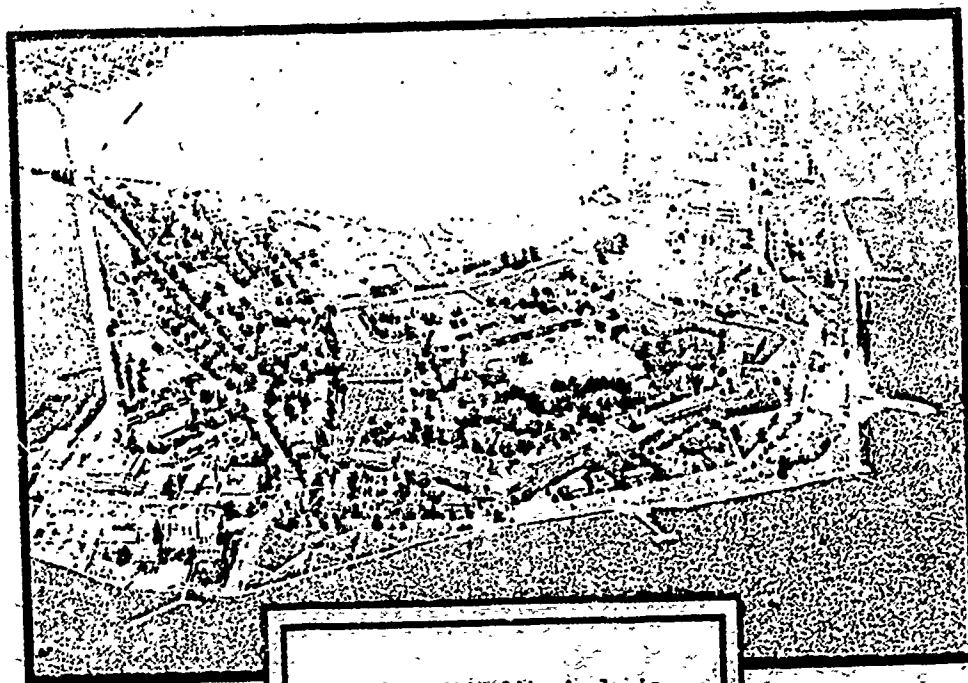
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3	AMOUNT	1,1								
3	ASSISTANCE	202,1	174,1	235,3						
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3	AUTOMATIZED	174,2	7,2							
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3	BALANCE	14,1								
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3	CORRODED	7,1								
3	DEFECTIVE	24,1								
3	DIGRALED	120,7								
3	ELEVATING	11,1	7,4							
3	ENVIRONMENT	1,1								
3	EQUIPPED	321,1								
3	EVIDENCE	7,1								
3	FINAL	145,1	120,1							
3	FADING	202,2	7,1	3,4	1,6	174,3	120,3	22,4	14,3	
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3	LAST	1,2								
3	MANUALLY	149,1								
3	MEDIUM	1,1	3,1							
3	MISSING	7,1	1,2							
3	NECESSARY	1,2	22,1							
3	NOMENCLATURE	1,1								
3	OBJECTIVE	1,1								
3	OPTICAL	174,3	16,1							

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PASSIVE	321,3			
PORTABLE	3,1			
POWER	117,1	3,1	2,1	321,1
PRIOR	202,1			202,1
PROBABLE	7,1			174,3
QUALIFICATION	4,1			149,3
QUICK-DISCONNECT	321,1			120,2
READY	7,1			24,1
REFERENCE	1,1			22,3
REMOTE	24,3			14,1
REPUBLIC	1,1			
RIFLING	202,1			
SMOOTH	149,1	7,3		
STANDARD	1,1			
STATIONARY	283,1			
SUBMACHINEGUN	14,1			
SURFACE	1,1			
SUPERFICIAL	1,1			
TACTICAL	22,1			
TEMPORARY	14,1			
THERMAL	202,3			
TRACKED	268,1	1,1		
VISIBLE	202,2	149,1		
VISUAL	1,1			
ACCOUNTABLE	16,1			
AUTOMATIC	3,1			
ANTENNA	9,2			
ANTI-AIRCRAFT	1,1			
ANTI-TANK	1,1	3,1		
APPLICABLES	174,1	4,1		
ARMOR-PLACING	1,1			
ARMORED	1,2			
AUDIO	24,1			
BALISTIC	7,1	149,2		
BATTERY	7,1	2,1		
BATTLE-SIGHT	235,1			
BEYOND	2,2			
BIPED-MOUNTED	1,2			
COURSE	14,1			
ELECTRICAL	321,1	120,1	11,1	7,1
EXCESS	14,1			
EXTREME	120,1			
FOLLOWING	202,1	149,1	74,1	3,1
HATCHING	9,1			1,1
HEADS	1,1			
OUTSIDE	24,1	3,1		
PREVENTIVE	174,1	3,1		
THROUGH	235,3	1,2	202,1	174,1
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HEADQUARTERS
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER
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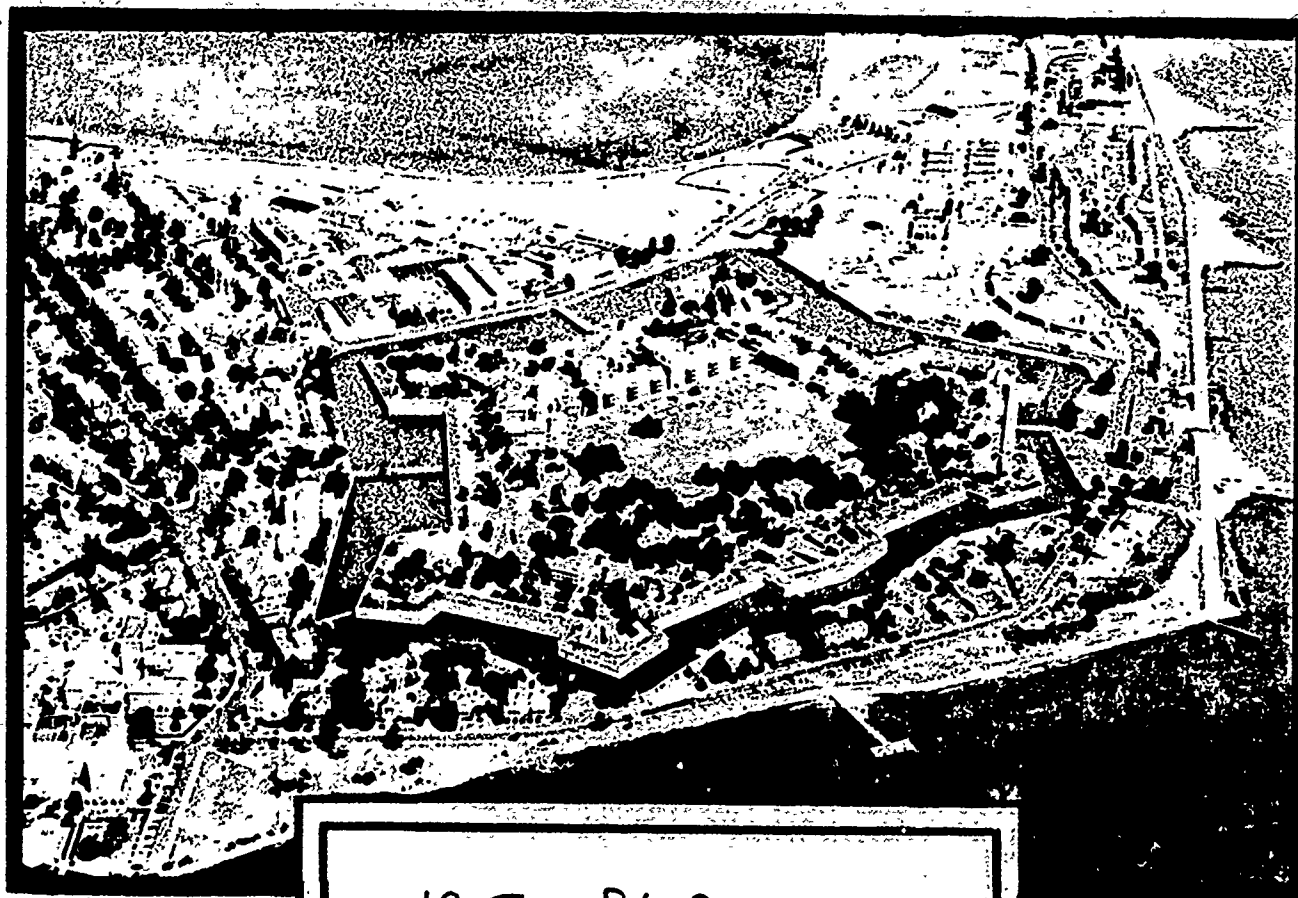
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1	ENGAGE	TRI	80

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1 EVALUATE
2 EXCESSIVE
1 EXPLISC
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2 EXTREME
3 FIANG
1 FEED
2 FEET
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3 GOLF
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3 GRANTED-TIME
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2 INTERMEDIATE
3 INTERFERING
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3 LASSES
1 LIMIT
1 LOCATE
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3 TYPE

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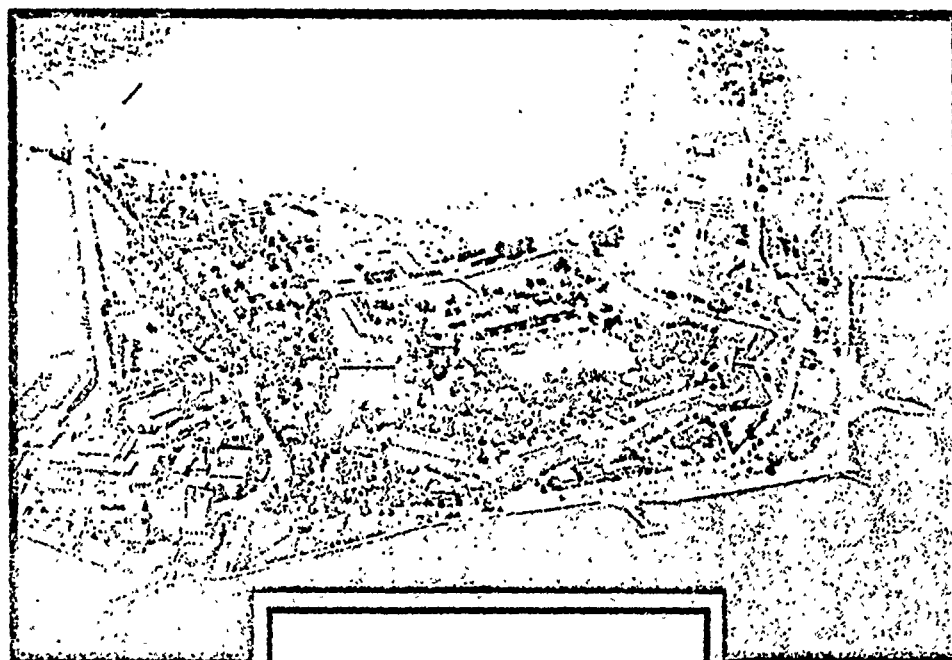
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