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FINAL TECHNICAL REPORT

(CDRL A007)

COMBAT SERVICE SUPPORT
TRAINING SIMULATION SYSTEM (CSSTSS)
DATA ANALYSIS

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U.S. Army Training and Doctrine Command (TRADOC)
ATTN: ATCA
Fort Eustis, Virginia 23604-5538

Prepared by:

AEPCO, Inc.
15800 Crabbs Branch Way, Suite 300
Rockville, Maryland 20855-2622

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F I N A L T E C H N I C A L R E P O R T

COMBAT SERVICE SUPPORT TRAINING SIMULATION SYSTEM (CSSTSS) DATA ANALYSIS

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EXECUTIVE SUMMARY

1. The purpose of this project was to perform a statistical and training effectiveness analysis (TEA) of the Combat Service Support Training Simulation System (CSSTSS). TRADOC Analysis Center at Fort Lee (TRAC-LEE), Virginia, wrote the statement of work requiring the contractor to perform the following tasks:

(1) The extent that the CSSTSS represents outputs and reports for each functional area, replicates doctrine and procedures by functional area, achieves training objectives and meets training effectiveness criteria for various functional areas; (2) The functional area, rank, experience, trainees, observer/controller staff who benefit most from CSSTSS training; and (3) Identify ways to improve the training effectiveness given CSSTSS resource constraints. These questions were answered by analyzing the subjective information that was extracted from the 133 Validation Surveys. Verification and validation of CSSTSS software was beyond the scope of this contractual effort. Problems associated with CSSTSS version 1.2 will be identified for mitigation in order to improve version 2.0. Version 2.0 of the CSSTSS, currently under development by the Combined Arms Support Command (CASCOM), will be linked to the Corps Battle Simulation Model via the Aggregate Level Simulation Protocol (a software linkage program) to provide "real time" Combat Service Support (CSS) exercise training.

2. The CSSTSS technical approach is discussed in Section 2. All 133 CSSTSS version 1.2 surveys were reviewed and salient data was aggregated and analyzed. The statistical analysis of the validation surveys is described in Section 3. The Statistical Package for Social Sciences (SPSS) software was used for the statistical analysis. The results of this analysis have been tabulated, transferred and transcribed to the Automated Requirements Traceability dBASE IV file as a tool to facilitate update and conduct future analysis by TRAC-LEE.

3. The statistical analysis synthesized 34 questions across 14 functional categories. Response scores for the opinion section of the survey were consolidated from the original six, down to agree/disagree only. Table 1 divides the fourteen functional areas into satisfied (a response favorable to CSSTSS) and

TABLE 1
SATISFACTION RATIO

	(A) Satisfied	(B) Dissatisfied	(C) Total	Ratio (A/C)
Other	23	3	26	88%
Chemical	15	2	17	88%
MP/CID	17	4	21	81%
Supply	25	6	31	81%
Maintenance	26	7	33	79%
Ammunition	25	9	34	74%
Transportation	25	9	34	74%
Medical	22	9	31	71%
Signal	17	8	25	68%
Civil Military Ops	20	11	31	65%
O/C	11	12	23	48%
POL	15	18	33	45%
Engineer	6	9	15	40%
PSS	4	27	31	13%
TOTAL	251	134	385	65%
NCO	26	8	34	76%
Field Grade	25	9	34	74%
WO	24	10	34	71%
Company Grade	21	12	33	64%
TOTAL	96	39	135	71%
Reserve	29	5	34	85%
Active	25	8	33	76%
Guard	19	13	32	59%
TOTAL	73	26	99	74%

NOTE: Neutral variables were not considered for this table

dissatisfied (a response unfavorable to CSSTSS). Neutral scores defined as situations when there were as many agree (strongly agree, agree or somewhat agree responses) as there were disagree (strongly disagree, disagree, or somewhat disagree responses) were omitted. A satisfaction ratio was developed and functional areas were ranked according to their percentage. Those respondents designated "other" indicated the most satisfaction with the CSSTSS. Conversely, the PSS functional area indicated the lowest degree of satisfaction with an overall satisfaction rating of 65 percent.

4. The TEA was performed based on the replies to the last four questions from the 133 Validation Surveys (see **Appendix B** for a copy of the survey) with the results provided in Section 4. A total of 83 TEA responses were submitted. A summary of this analysis is as follows:

A. Functional areas had varying degrees of representation as reflected by the survey responses. The criteria used for judging the relative merit of a functional area's representation included both the quality and quantity of the responses. For example, the Ammunition, Transportation, Maintenance, Supply, and Medical functional areas had excellent representation. The Petroleum, Oils, and Lubricants (POL), Personnel Service Support, Civil-Military Operations, and Chemical functional areas had fair representation in the TEA. The Signal, Engineer, and Military Police/Criminal Investigation Division (CID) functional areas had poor representation.

B. Comments pertaining to negative training indicators for each functional area are provided in Section 4. Negative training transfer could occur if CSSTSS did not teach the necessary skills or if bad habits were learned by "playing the game" thereby adversely affecting job performance. Examples of negative training factors were as follows: (1) Reports that came in response to a MSEL did not match up to other reports; (2) The Standard Army Intermediate Logistics System (SAILS) ABX (DS4) was not the current system used by several Army organizations; (3) A lot of the functional side, form format and distribution was not realistic and was very confusing compared to the "real world"; (4) The data on stock status reports did not reflect the true status of requisitions submitted during the play; and (5) The 2406 never matched the SSMMS 2 print nor did

it match the computer resulting in confusion in reporting to higher headquarters and tasking units.

C. A total of 64 Army Reserve (AR) and National Guard (NG) responses equated to 48% of the 133 Validation Surveys that were administered. There was heavy AR/NG representation in the Transportation, POL, Civil-Military Operations, and Medical functional areas and to a lesser extent the Maintenance and Supply disciplines. The constructive criticisms provided by highly experienced AR/NG players have been summarized in Section 4 to improve the delivery of CSSTSS distributed training to these important CSS components to improve proficiency training.

D. Observer/Controller (O/C) comments were weighted heavily in the conclusions and recommendations. Significantly, 4 out of the 5 O/C's were submitted by army reservists or national guardsman lending further credence to the potential of CSSTSS as an exportable training device for AR/NG units.

E. 95% of all TEA responses were submitted by grades E-8 and above. Although no meaningful comparison could be made between the officer versus enlisted grade TEA responses due to absence of the latter's responses, it appears that officers, Warrant Officers and Senior NCOs (grades E-7 and above) are the prime beneficiaries of CSSTSS.

F. Several recommendations are cited to improve DA 2406 - the Maintenance Equipment Status Report procedures as a CSSTSS information provider and report content are contained at the end of section 4.

4. The results from this analyses will be used to improve the CSSTSS model and train CSS personnel. CSSTSS can be used as a tool to help determine the impact on unit proficiency - a reliable measure of the ability of a unit to successfully accomplish its wartime missions. Results from this analysis should help CASCOM improve the fidelity of the CSSTSS, the human performance of CSS personnel and, ultimately, mission effectiveness for the U.S. Army Active and Reserve Components charged with CSS mission responsibilities.

SECTION 1.0

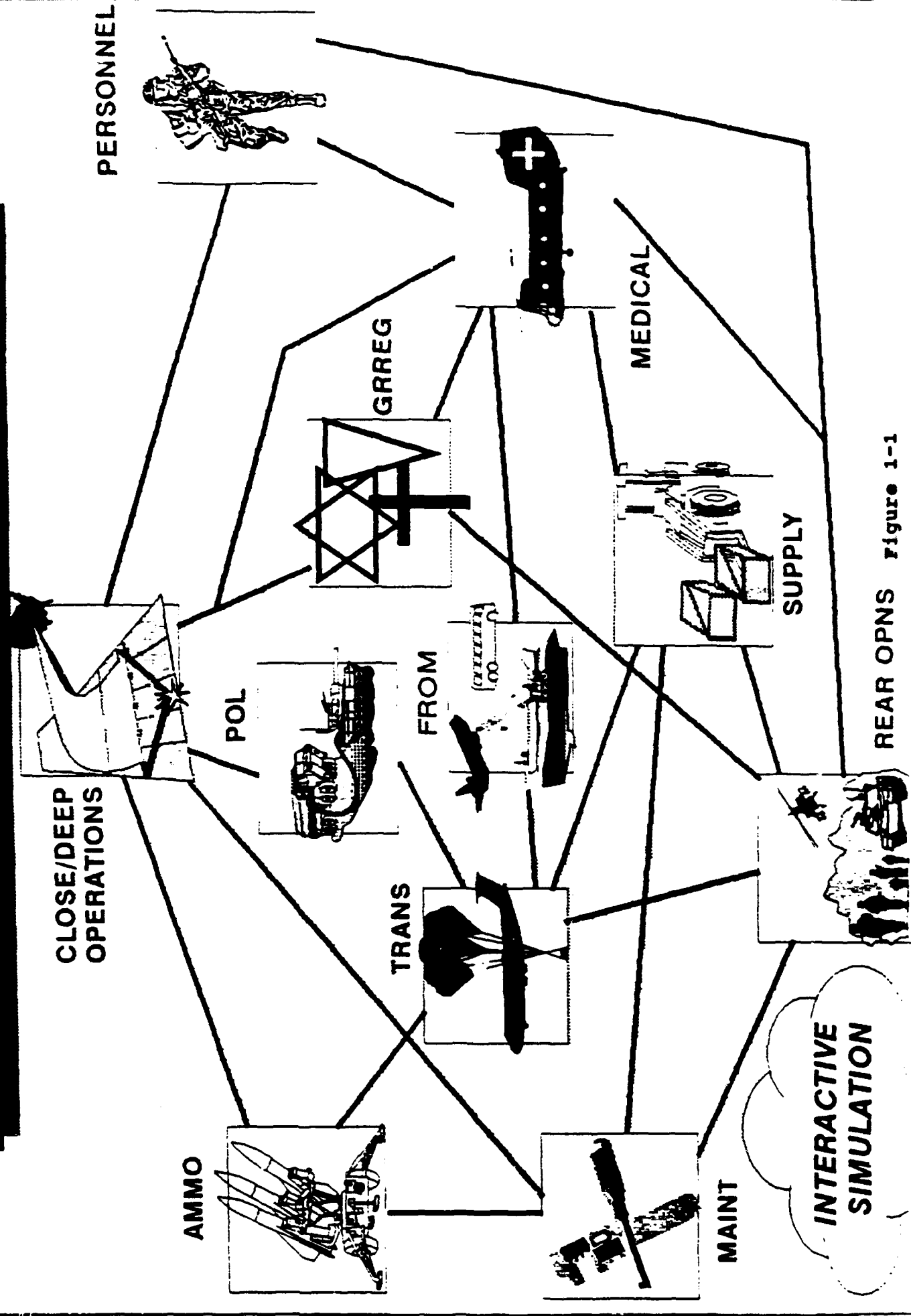
OVERVIEW

1.1 BACKGROUND. The Combat Service Support Training Simulation System (CSSTSS) is a simulation device designed to prepare and train Combat Service Support (CSS) commanders and staffs to support the modern Airland Battle doctrine. CSSTSS will accomplish this through rather sophisticated simulation of combat arms, combat support and CSS operations, with allowable changes in combat intensity, scenarios, force structure and other variables. Problems associated with CSSTSS version 1.2 will be addressed in order to improve version 2.0 which is currently under development by the U.S. Army Combined Arms Support Command (CASCOM), Fort Lee, Virginia.

1.2 CSSTSS REQUIREMENT. CASCOM, a U.S. Army Training and Doctrine Command (TRADOC) agency, as the executive agent for the National Simulation Center, must examine and conduct an analysis of the CSSTSS as part of an ongoing effort to determine its utility and effectiveness. TRADOC Analysis Center, Fort Lee (TRAC-LEE) has contracted for a statistical and training analytical report based on sound analysis of the extant data (i.e., still in existence, not lost or destroyed) which was gathered during test runs of the prototype version of the CSSTSS. This report will provide some of the rationale for improving CSSTSS training for both active and reserve component personnel. This technical report has been published in hard copy as well as in Professional (PFS) Write word processing software which will provide an audit trail of the CSSTSS analysis, results, and recommendations.

1.3 CSSTSS SYSTEM DESCRIPTION. Version 2.0 of the CSSTSS will be linked to the Corps Battle Simulation Model via the Aggregate Level Simulation Protocol (software linkage protocol). CSSTSS is a "real time" battle scenario simulation model predicated on the U.S. Central Command's "BLUE FLAG" exercises conducted at Hurlburt Air Force Base in Florida for joint services training. A schematic diagram of the CSSTSS is provided in **Figure 1-1**. Examples of CSSTSS generated reports are depicted in **Figure 2-1**. Various management information reports for combat-focused Sustainment are available to player units by functional area and to observer/controller (O/C) cell personnel. Examples of reports designed for the latter group include Target Summary, Equipment Summary, and Density reports.

COMBAT SERVICE SUPPORT TRAINING SIMULATION SYSTEM (CSSTSS)



REAR OPNS Figure 1-1

CSSTSS 1.2 GENERATED REPORTS

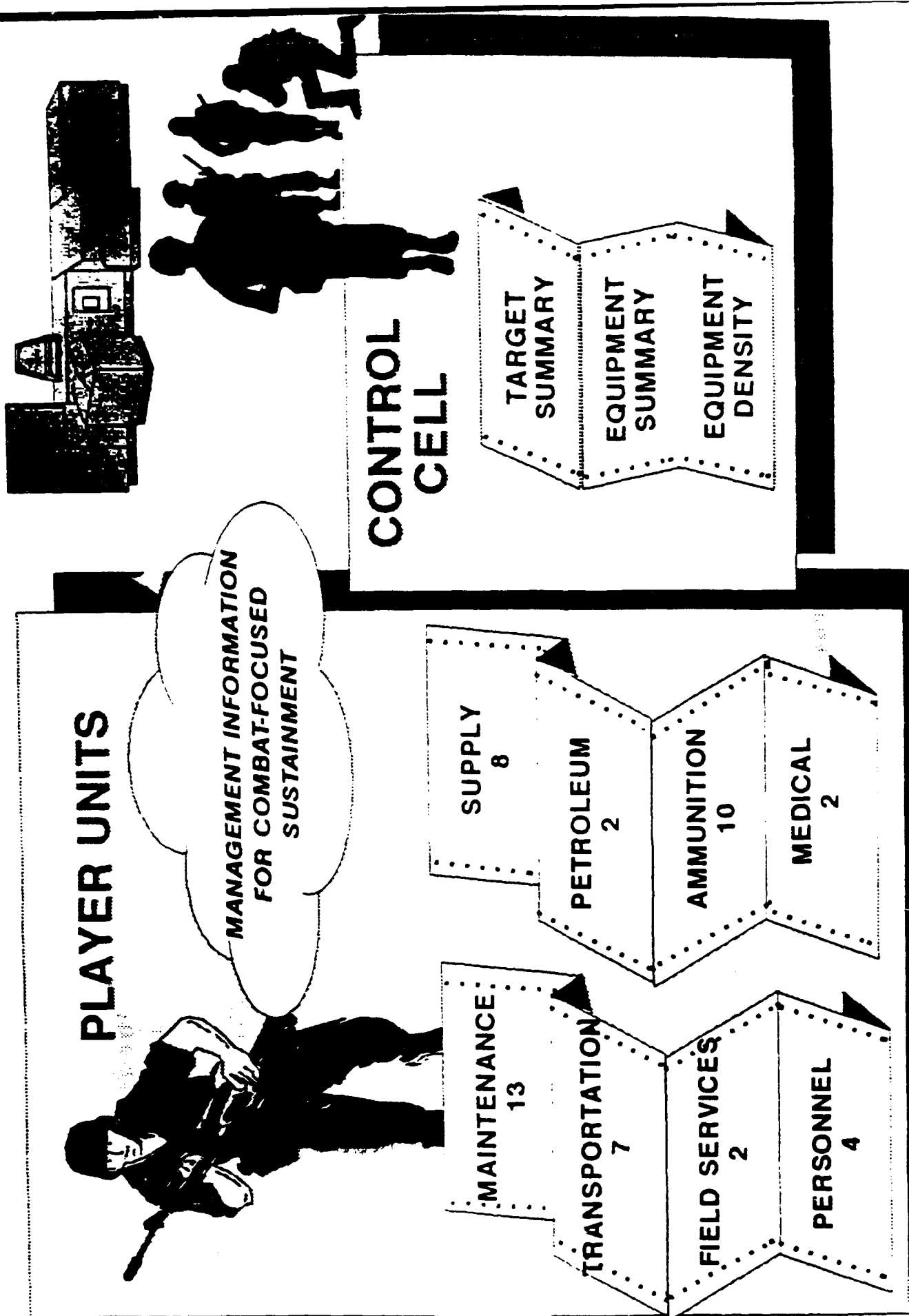


Figure 1-2

SECTION 2.0

TECHNICAL APPROACH

2.1 STATEMENT OF WORK (SOW). TRADOC Analysis Center (TRAC) at Fort Lee (TRAC-LEE), Virginia, directed that this analysis be focused on information extracted from the 133 CSSTSS Validation Surveys. The objective of this analysis was to improve the CSSTSS for U.S. Army use by resolving the following issues:

(a) The extent that the various functional areas (e.g., supply, transportation, maintenance, etc.) are represented in the CSSTSS;

(b) The extent that the CSSTSS represents real-world processes for each functional area;

(c) The extent that the CSSTSS represents doctrine and procedures for each functional area;

(c) The extent that the CSSTSS achieves training objectives and meets training effectiveness criteria for each functional area;

(d) The groups (e.g., functional area, rank, experience, control staff, component, etc) who benefit most from CSSTSS training; and

(e) Identify any negative training indicators or other concerns that exist in the training audience.

Verification and validation of the CSSTSS software was beyond the scope of this contractual effort.

2.2 TECHNICAL APPROACH. The analytical approach that was employed included only those steps that were necessary to perform a statistical and training effectiveness analysis (TEA) in the interest of cost effectiveness. The technical approach used to resolve the CSSTSS issues discussed above consisted of the following steps (see Figure 2-1):

(a) Review CSSTSS background and documentation;

Combat Service Support Training Simulation System (CSSTSS) Data Analyses Technical Approach

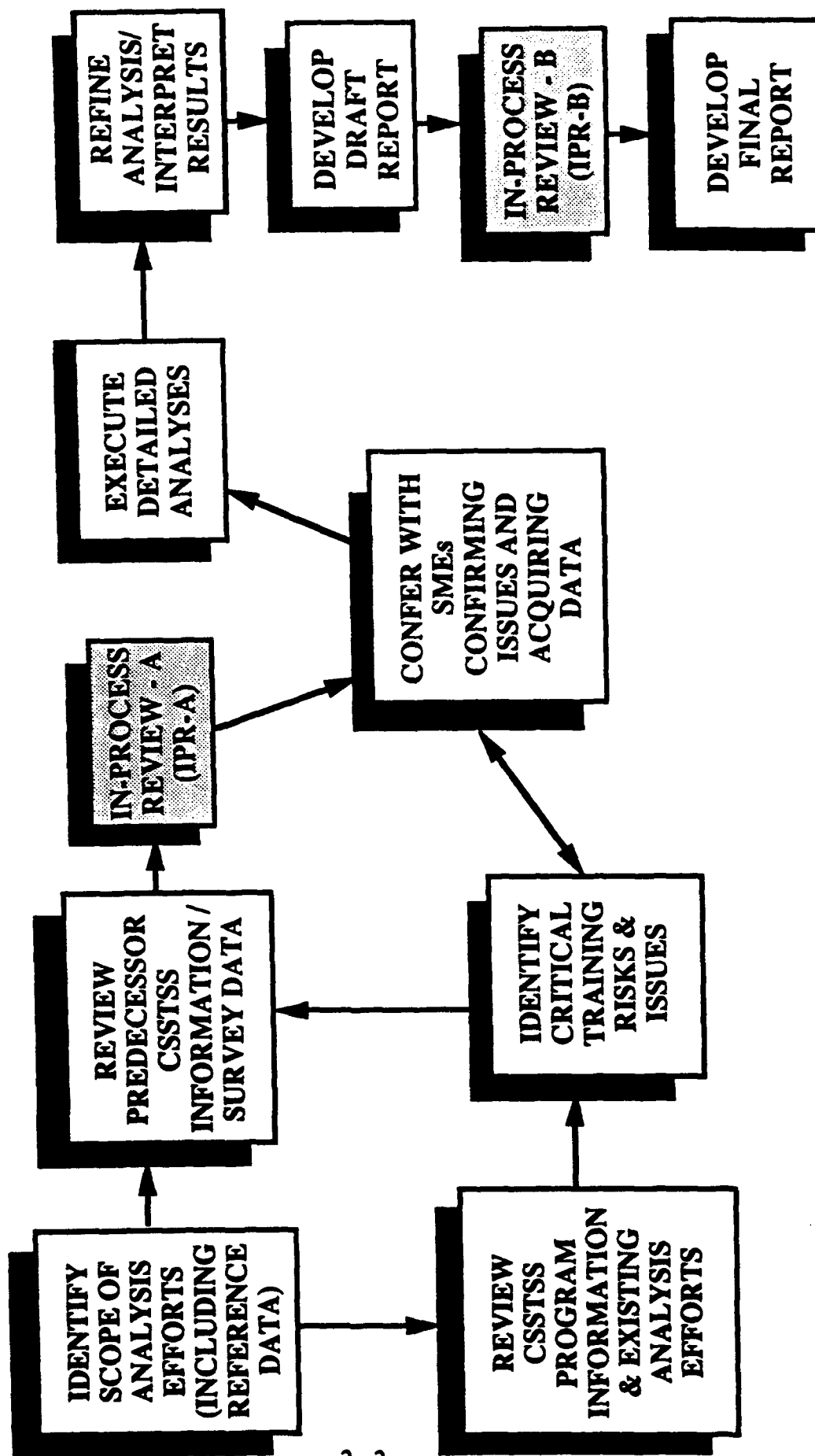


Figure 2 - 1

(b) Review 133 CSSTSS Validation Surveys;

(c) Interview CSSTSS Subject Matter Experts.

2.2.1 Analysis of 133 CSSTSS Validation Surveys. The contractor analyzed all 133 CSSTSS Validation Surveys. The analysis included both a statistical analysis of the grading responses (see **Appendix B** for a copy of the CSSTSS Validation Survey) as well as an analysis of the subjective comments pertaining to the training effectiveness. The Validation Surveys addressed general attitudes toward CSSTSS and specific attitudes about the training effectiveness. General attitudes are assessed for a number of reasons. They serve as useful indicators of general motivation and can be used to gauge differences in training and proficiency resulting from motivation and general outlook on training, the Army and particular materiel systems. While attitudes do not necessarily correlate directly with measured proficiency, they do offer important and useful insights into the interpretation of proficiency scores and results of training. When carefully measured and interpreted, they serve as a valuable "temperature check" on morale and motivation. In this case, soldiers indicated the extent to which they agreed or disagreed with particular statements. Specific attitudes toward CSSTSS training, trainers, and the fidelity of outputs and reports as information providers were included in the surveys. **Table 2-1** contains a recap of the number of responses concerning the CSSTSS TEA.

2.2.2 Attendance at CSSTSS Meetings. Contractor personnel attended several In-Process Reviews (IPRs) at TRAC-LEE. Attendance at these IPRs was crucial for government personnel to monitor the progress of the contractor and for the contractor to receive feedback on the CSSTSS analytical efforts.

2.2.3 Support for CASCOM. CASCOM has the responsibility for developing the improved CSSTSS. The results of this analysis may provide information to CASCOM for possible use as source documentation for upgrading Version 1.2 of CSSTSS and may be used as an audit trail for TRAC-LEE reviewers. Version 2.0 of the CSSTSS will be linked to the Corps Battle Simulation Model via Aggregate Level Simulation Protocol (software linkage protocol) in order to improve CSS exercise training.

Table 2 - 1

SURVEY RESPONSES BY FUNCTIONAL AREA

<u>FUNCTIONAL AREA</u>	<u>TOTAL</u>	<u>FUNCTIONAL AREA</u>	<u>TOTAL</u>
• Ammunition	7	• Signal	2
• Engineer	3	• MP/CID	2
• Chemical	2	• Personnel Service Support ¹	7
• Maintenance	16	• Supply ²	17
• POL	17	• Observer/Controller	4
• Civil Mil Opns	14	• Other	4
• Medical	9	Total:	133
• Transportation	29		

1 Includes Chaplain, JAG and PAO

2 Includes Field Services, Graves Registration and Water Supply

2.3 DATA SOURCES AND LIMITATIONS. The 133 Validation Surveys that were provided to the analysts greatly aided the CSSTSS statistical and TEA efforts. The analysts assumed that Government data were valid. Questionable data were reviewed, discussed and modified based upon these discussions with the providing organizations.

2.4 STATISTICAL ANALYSIS. The statistical analysis consisted of non-parametric and data reduction applications that were applied to the data set including a cross tabulation and factor analysis. A frequency analysis was also performed to determine the measures of central tendency such as the mean and mode (see Section 3 for a more detailed description of the statistical analysis). The analysis began with an extensive data collection effort. The next step was to aggregate the data by applying blocking variables. This data was then loaded into the Statistical Package for Social Sciences (SPSS) for interpretation, results, and conclusions. Finally, the data was tabulated and transferred to the DBASE IV Automated Requirements Traceability File for possible future update and further analysis by TRAC-LEE and CASCOM.

2.5 TRAINING EFFECTIVENESS ANALYSIS (TEA). The TEA effort included a detailed evaluation of the subjective comments that were extracted from the 133 Validation Surveys.

2.5.1 Training Concept. A training concept briefing was obtained from the CASCOM representative. The training concept briefing defined the types of training and simulation that will be employed by the CSSTSS and described the training audience by functional area and component that will be using CSSTSS.

2.5.2 TEA Assumptions. TEA assumptions were as follows:

(a) Version 1.2 CSSTSS will be upgraded to version 2.0.

(b) Comments pertaining to the training utility were taken at face value without regard to the surveyee's grade or experience with the exception of the O/Cs.

(c) Subjective comments were aggregated without distinction to organization or chronological sequence.

2.5.3 Factors Affecting Unit Proficiency. Conceptually, unit proficiency is the joint product or interaction of the following factors:

(a) Training. This factor is concerned with the training status of soldiers and teams in units; i.e., how well do soldiers and teams perform their jobs. Effective training is a direct result of the combination of capable soldiers, knowledgeable instructors, an effective training strategy, a well designed hardware system, and an environment relatively free of distractions.

(b) Materiel. The materiel section is concerned with the characteristics, capabilities and limitations of the combat, combat support and CSS system being employed or used by a unit to accomplish its mission.

(c) Organization. The organizational section is concerned with the TDA/TOE/MTOE as it affects the ability of units to train, maintain, sustain, and tactically employ its systems.

(d) Doctrine. The doctrine portion includes the evaluation of how effectively units are able to employ current doctrine and tactics by observing Field Training Exercises and the Army Training Evaluation Programs (ARTEPs). Results of these tactical exercises are recorded in a quantitative manner (e.g., time, distance, speed, dispersion, and frequency of event). These measures are subsequently evaluated for adherence to tactical doctrine and standard operating procedures (SOPs).

Finally, the interaction of the above factors (see **Figure 2-2**) in determining unit proficiency is paramount. As an example, gunnery results, operator crew proficiency, and maintenance must be considered along with the tactical employment factors in the determination of overall proficiency. Unit proficiency is believed to be a good measure of the ability of a unit to successfully accomplish its wartime mission. In addition, the data collected in these tactical training exercises will be entered in models such as CSSTSS to determine their impact on unit proficiency.

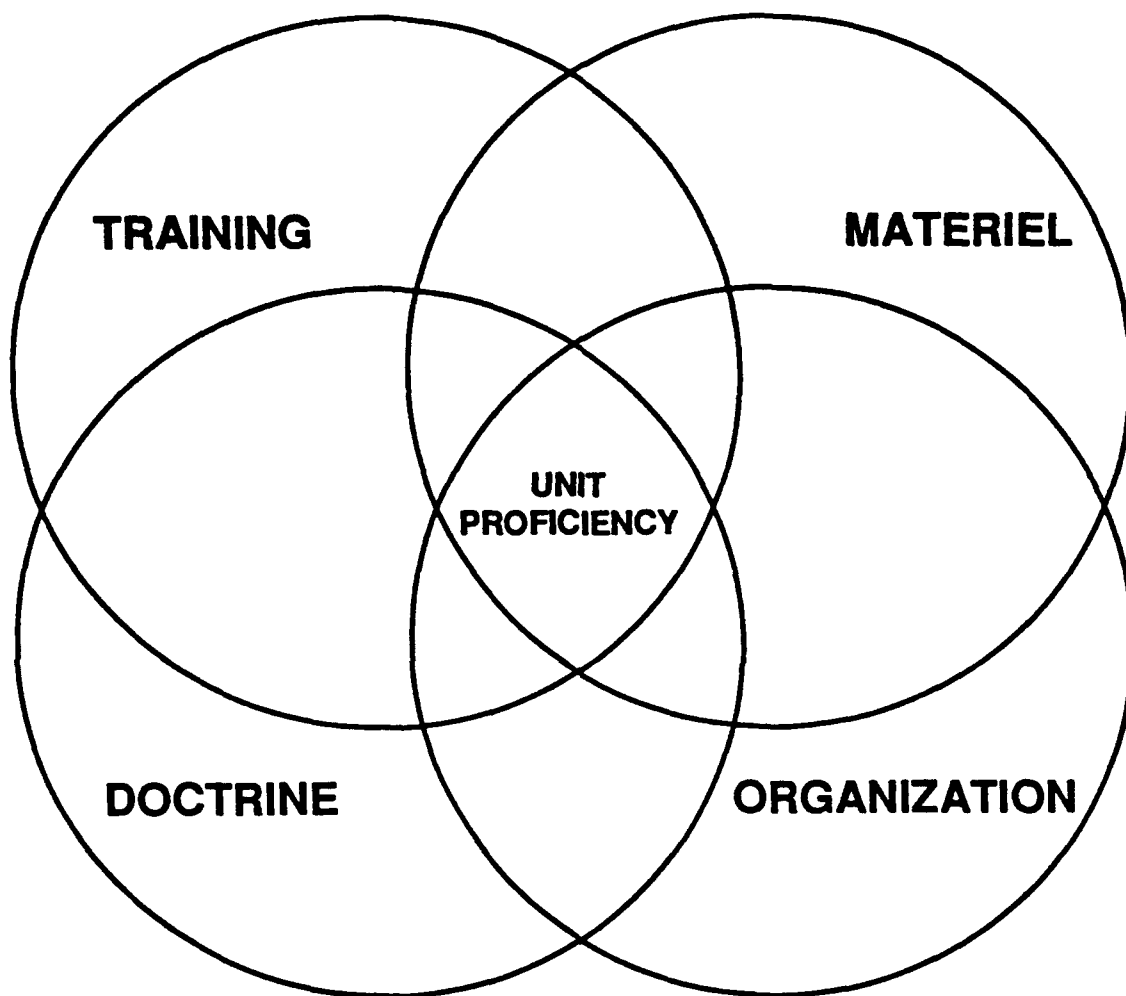


Figure 2 - 2 Factors Affecting Unit Readiness

SECTION 3.0

CSSTSS STATISTICAL ANALYSIS

3.1 SCOPE. The statistical analysis reflected the beliefs and opinions that were extracted from the surveys entitled "Combat Service Support Training Simulation System (CSSTSS) Validation Survey." There were 22 potential functional areas, with 14 valid functional areas represented. **Table 3-4** lists the functional areas used for the analysis. Frequency depicted the number of respondents for the particular function; percent depicted the valid percentage of total respondents for each functional area represented. A total of 133 respondents completed surveys covering issues related to the CSSTSS FPLEX.

3.2 OVERVIEW OF ANALYSIS. The Statistical Package for Social Sciences (SPSS) software for Windows Base System version 5.0.1 (Cross Tabulations and Frequency Analyses) and SPSS Professional Statistics version 5.0.1 (Factor Analysis) was used for the statistical analysis. A recategorization of the survey data was accomplished using SPSS. In several cases, pairs of questions and sub-scales were grouped together in order to validate several opinion survey questions. The statistical analysis consisted of non-parametric and data reduction models that were applied to the data set including a cross tabulation and factor analysis. A frequency analysis was also performed to determine the measures of central tendency including the mean and mode. **Tables 3-1 through 3-49** contain the results of the statistical analysis.

3.2.1 Frequency Distribution Analysis. In order to gain an understanding of who the respondents were (demographics), a Frequency Distribution analysis was conducted to determine frequency of response for Component (**Table 3-1**), Major Command (**Table 3-2**), Subject Matter Experience (**Table 3-3**), and Functional Area (**Table 3-4**).

3.2.2 Multivariate Analysis. **Tables 3-6 through 3-15** portray the results of the multivariate analysis test Factor Analysis (which used the Principal Components method and Varimax data rotation). **Tables 3-6 through 3-15** depicts a single factor (group of closely related questions), and which opinion survey questions were captured. Functional areas are grouped by agree (any level of agreement), disagree (any level of disagreement) and neutral (when there were as many agree type responses as disagree responses).

TABLE 3-1
COMPONENT

	<u>FREQUENCY</u>	<u>PERCENT</u>
ACTIVE	69	52.27%
RESERVE	47	35.61%
GUARD	16	12.12%
MISSING	1	
total	133	100.00%

TABLE 3-2
MAJOR COMMAND

	<u>FREQUENCY</u>	<u>PERCENT</u>
TRADOC	34	26.56%
TAACOM	21	16.41%
COSCOM	11	8.59%
FORSCOM	22	17.19%
USATRANSCOM	1	0.78%
USACAPOC	12	9.38%
CASCOM	4	3.13%
OTHER	23	17.97%
MISSING	1	
total	129	100.00%

TABLE 3-3
SUBJECT MATTER EXPERIENCE

	<u>FREQUENCY</u>	<u>PERCENT</u>
AMMO	12	9.02%
ENGINEER	6	4.51%
EOD	2	1.50%
CHEMICAL	9	6.77%
MAINT	29	21.80%
POL	23	17.29%
CA	12	9.02%
MED	11	8.27%
REAR	2	1.50%
TRANS	32	24.06%
TACTS	6	4.51%
SIGNAL	4	3.01%
FLDSVS	11	8.27%
MP	4	3.01%
PA	3	2.26%
GRAVES	5	3.76%
PERS	9	6.77%
AIROPS	3	2.26%
SUPPLY	33	24.81%
CHAP	1	0.75%
OTHER	9	6.77%

TABLE 3-4
FUNCTIONAL AREA

	<u>FREQUENCY</u>	<u>PERCENT</u>
AMMUNITION	7	5.26%
ENGINEER	3	2.26%
CHEMICAL	2	1.50%
MAINTENANCE	16	12.03%
POL	17	12.78%
CIVIL MIL OPS	14	10.53%
MEDICAL	9	6.77%
TRANSPORTATION	29	21.80%
SIGNAL	2	1.50%
MP/CID	2	1.50%
PSS	7	5.26%
SUPPLY	17	12.78%
OTHER	4	3.01%
O/C	4	3.01%
total		133
		100.00%

TABLE 3-5
MEASURES OF CENTRAL TENDENCY

QUESTION			
<u>NUMBER</u>	<u>QUESTION PARAPHRASE</u>	<u>MEAN</u>	<u>MODE</u>
1	Replicates Wartime Procedures	Somewhat Disagree	Somewhat Agree
2	Easy to Operate	Somewhat Agree	Agree
3	Reports in Army Standard Format	Somewhat Agree	Somewhat Agree
4	Excellent Trainer	Somewhat Agree	Somewhat Agree
5	Little Training Value	Somewhat Disagree	Disagree
6	Spot/Alert Reports Tailorable	Somewhat Agree	Agree
7	Prior CSSTSS Training Inadequate	Somewhat Agree	Strongly Agree
8	Realistic Doctrinal Representation	Somewhat Disagree	Somewhat Agree
9	Appropriate Event Sequencing	Somewhat Agree	Somewhat Agree
10	Appropriate Time Between Events	Somewhat Disagree	Somewhat Agree
11	Information Fidelity not Present - Situations	Somewhat Agree	Agree
12	Request Procedures Appropriate	Somewhat Disagree	Somewhat Agree
13	Resource Distribution Appropriate	Somewhat Agree	Somewhat Agree
14	Replicated Airland Battle Doctrine	Somewhat Disagree	Somewhat Agree
15	Summary Reports Friendly	Somewhat Agree	Somewhat Agree
16	Information Timeliness	Somewhat Agree	Somewhat Agree
17	CSSTSS Information not Accurate	Somewhat Agree	Somewhat Disagree
18	Information Overload	Somewhat Disagree	Disagree
19	Functional Area Interface Correct	Somewhat Agree	Somewhat Agree
20	Information Fidelity not Present - Reports	Somewhat Agree	Somewhat Disagree
21	Training Objectives Met	Somewhat Agree	Somewhat Agree
22	Information Situation Control	Somewhat Disagree	Somewhat Agree
23	Accurate Data Produced	Somewhat Agree	Somewhat Agree
24	Execution Procedures not Present	Somewhat Agree	Somewhat Agree
25	Report Fidelity Excessive	Somewhat Disagree	Somewhat Disagree
26	Tactical Fidelity Present	Somewhat Disagree	Somewhat Disagree
27	Function Doctrinally Represented	Somewhat Disagree	Somewhat Agree
28	Status of Forces Doctrinally Correct	Somewhat Agree	Somewhat Agree
29	CSSTSS not Realistic	Somewhat Agree	Somewhat Disagree
30	Prior Training not Useful	Somewhat Disagree	Somewhat Disagree
31	CSSTSS Training Appropriate	Somewhat Disagree	Disagree
32	Workload Fidelity Present	Disagree	Strongly Disagree
33	Training Objectives Helped	Somewhat Agree	Somewhat Agree
34	Information Situation Monitor	Somewhat Agree	Somewhat Agree

Little Training Value

3-6

TABLE 3-7

Distribution/Redistribution Procedures and Doctrine

<u>Request Procedures Appropriate</u>			
AGREE	DISAGREE	NEUTRAL	
Active	Ammunition	Chemical	
Civil Mil Ops	Guard	Company Grade	
Engineer	Medical	Supply	
Field Grade	NCO		
Maintenance	POL		
MP/PCD	PSS		
OC			
Other			
Reserve			
Signal			
Transportation			
WO			

<u>Replicated Airland Battle Doctrine</u>			
AGREE	DISAGREE	NEUTRAL	
Active	Engineer	OC	
Ammunition	Guard		
Chemical	MP/PCD		
Civil Mil Ops	NCO		
Company Grade	POL		
Field Grade	PSS		
Maintenance	Transportation		
Medical			
Other			
Reserve			
Signal			
Supply			
WO			

<u>Resource Distribution Appropriate</u>			
AGREE	DISAGREE	NEUTRAL	
Active	Engineer		
Ammunition	Guard		
Chemical	Medical		
Civil Mil Ops	PSS		
Company Grade			
Field Grade			
Maintenance			
MP/PCD			
NCO			
OC			
Other			
POL			
Reserve			
Signal			
Supply			
Transportation			
WO			

<u>Functional Area Interface Correct</u>			
AGREE	DISAGREE	NEUTRAL	
Active	PSS	Engineer	
Ammunition		Medical	
Chemical		POL	
Civil Mil Ops		Signal	
Company Grade			
Field Grade			
Guard			
Maintenance			
MP/PCD			
NCO			
OC			
Other			
Reserve			
Supply			
Transportation			

TABLE 3-8

Familiarization Training with CSSTSS

Prior CSSTSS Training Inadequate

AGREE	DISAGREE	NEUTRAL
Active		Chemical
Ammunition		
Civil Mil Ops		
Company Grade		
Engineer		
Field Grade		
Guard		
Maintenance		
Medical		
MP/CID		
NCO		
OC		
Other		
POL		
PSS		
Reserve		
Signal		
Supply		
Transportation		
WO		

CSSTSS Training Appropriate

AGREE	DISAGREE	NEUTRAL
NCO	Active	Chemical
POL	Ammunition	Engineer
Reserve	Civil Mil Ops	Maintenance
WO	Company Grade	MP/CID
	Field Grade	Other
	Guard	
	Medical	
	OC	
	PSS	
	Signal	
	Supply	
	Transportation	

TABLE 3-9 Accurate Information to Monitor/Control Situations

Information Situation Monitor

AGREE
Active
Ammunition
Chemical
Company Grade
Field Grade
Guard
Maintenance
Medical
MP/CID
NCO
OC
POL
Reserve
Supply
Transportation
WO

DISAGREE
Civil Mil Ops
Signal

NEUTRAL
Engineer
Other
PSS

Information Situation Control

AGREE
Active
Ammunition
Chemical
Field Grade
Maintenance
NCO
Other
Reserve
Supply
Transportation
WO

DISAGREE
Company Grade
Guard
Medical
OC
POL
PSS

NEUTRAL
Civil Mil Ops
Engineer
MP/CID
Signal

Accurate Data Produced

AGREE
Active
Ammunition
Civil Mil Ops
Company Grade
Field Grade
Guard
Maintenance
Medical
NCO
OC
Reserve
Signal
Transportation
WO

DISAGREE
POL
PSS

NEUTRAL
Chemical
Engineer
MP/CID
Other
Supply

TABLE 3-10

System Easy to Use and Reports Timely and Standardized

<i>Summary Reports Friendly</i>			
AGREE	DISAGREE	NEUTRAL	
Active	OC	Chemical	
Ammunition	PSS	MP/CID	
Civil Mil Ops			
Company Grade			
Engineer			
Field Grade			
Guard			
Maintenance			
Medical			
NCO			
Other			
POL			
Reserve			
Signal			
Supply			
Transportation			
WO			
<i>Reports in Army Standard Format</i>			
AGREE	DISAGREE	NEUTRAL	
Active	OC	Engineer	
Ammunition			
Chemical			
Civil Mil Ops			
Company Grade			
Field Grade			
Guard			
Maintenance			
Medical			
MP/CID			
NCO			
Other			
POL			
PSS			
Reserve			
Signal			
Supply			
Transportation			
WO			
<i>Prior Training not Useful</i>			
AGREE	DISAGREE	NEUTRAL	
Active	Active	Chemical	
Ammunition	Ammunition	Engineer	
Civil Mil Ops	Civil Mil Ops	PSS	
Company Grade	Company Grade		
Field Grade	Field Grade		
Guard	Guard		
Maintenance	Maintenance		
Medical	Medical		
MP/CID	MP/CID		
NCO	NCO		
OC	OC		
Other	Other		
POL	POL		
Reserve	Reserve		
Signal	Signal		
Supply	Supply		
Transportation	Transportation		
WO	WO		
<i>Information Timeliness</i>			
AGREE	DISAGREE	NEUTRAL	
Active	Civil Mil Ops	Chemical	
Ammunition	MP/CID		
Company Grade	OC		
Engineer	PSS		
Field Grade			
Guard			
Maintenance			
Medical			
NCO			
Other			
POL			
Reserve			
Signal			
Supply			
Transportation			
WO			
<i>Easy to Operate</i>			
AGREE	DISAGREE	NEUTRAL	
Active		Chemical	
Ammunition		Engineer	
Civil Mil Ops		OC	
Company Grade		PSS	
Field Grade			
Guard			
Maintenance			
Medical			
MP/CID			
NCO			
Other			
POL			
Reserve			
Signal			
Supply			
Transportation			
WO			

TABLE 3-11
Events were Chronologically Correct

Appropriate Time Between Events

AGREE	DISAGREE	NEUTRAL
Active	Ammunition	Civil Mil Ops
Chemical	Company Grade	Engineer
Field Grade	Guard	Signal
Maintenance	QC	
Medical	Other	
MP/CID	POL	
NCO	PSS	
Reserve	WO	
Supply		
Transportation		

Appropriate Event Sequencing

AGREE	DISAGREE	NEUTRAL
Active	Civil Mil Ops	MP/CID
Ammunition	Engineer	QC
Chemical	POL	Signal
Company Grade	PSS	
Field Grade		
Guard		
Maintenance		
Medical		
NCO		
Other		
Reserve		
Supply		
Transportation		
WO		

TABLE 3-12

Information Unavailability

Information Fidelity Not Present - Situations

<u>AGREE</u>	<u>DISAGREE</u>	<u>NEUTRAL</u>
Active	Other	Chemical
Ammunition	WO	MP/CD
Civil Mil Ops		Signal
Company Grade		
Engineer		
Field Grade		
Guard		
Maintenance		
Medical		
NCO		
OC		
FOL		
PSS		
Reserve		
Supply		
Transportation		

Information Fidelity Not Present - Reports

<u>AGREE</u>	<u>DISAGREE</u>	<u>NEUTRAL</u>
Civil Mil Ops	Active	MP/CD
Company Grade	Ammunition	OC
Field Grade	Chemical	Other
Guard	Engineer	Signal
Maintenance	Supply	
Medical	WO	
NCO		
FOL		
PSS		
Reserve		
Transportation		

TABLE 3-13

Information and Workload Realistic

<u>Workload Fidelity Present</u>			<u>Information Overload</u>			<u>Spot/Alert Reports Tailorable</u>		
AGREE	DISAGREE	NEUTRAL	AGREE	DISAGREE	NEUTRAL	AGREE	DISAGREE	NEUTRAL
MP/CID	Active	Chemical		Active	Engineer	Active	OC	Chemical
	Ammunition	Civil Mil Ops		Ammunition	Other	Ammunition	WO	Engineer
	Company Grade	Engineer		Chemical	Signal	Civil Mil Ops		Other
	Field Grade	Other		Civil Mil Ops		Company Grade		
	Guard			Company Grade		Field Grade		
	Maintenance			Field Grade		Guard		
	Medical			Guard		Maintenance		
	NCO			Maintenance		Medical		
	OC			Medical		MP/CID		
	POL			MP/CID		NCO		
	PSS			NCO		POL		
	Reserve			OC		PSS		
	Signal			POL		Reserve		
	Supply			PSS		Signal		
	Transportation			Reserve		Supply		
	WO			Supply		Transportation		
				Transportation				
				WO				

TABLE 3-14

Accurate Information and Procedures

CSSTSS Information Not Accurate

AGREE	DISAGREE	NEUTRAL
Civil Mil Ops	Ammunition	Active
Company Grade	Engineer	Chemical
NCO	Field Grade	Guard
POL	Maintenance	MP/CID
PSS	Medical	QC
Signal	Other	
Supply	Reserve	
WO	Transportation	

Execution Procedures Not Present

AGREE	DISAGREE	NEUTRAL
Active	Medical	Chemical
Ammunition	Transportation	Engineer
Civil Mil Ops	WO	Supply
Company Grade		
Field Grade		
Guard		
Maintenance		
MP/CID		
NCO		
QC		
Other		
POL		
PSS		
Reserve		
Signal		

TABLE 3-15 **Excessive Number of Reports**

<i>Report Fidelity Excessive</i>			
AGREE	DISAGREE	NEUTRAL	
	Active	Engineer	
	Armourable	MP/CID	
	Chemical		
	Civil Mil Ops		
	Company Grade		
	Field Grade		
	Guard		
	Maintenance		
	Medical		
	NCO		
	OC		
	Other		
	POL		
	PSS		
	Reserve		
	Signal		
	Supply		
	Transportation		
	WO		

TABLE 3-16
QUESTION NUMBER 1

REPLICATES WARTIME PROCEDURES

QUESTION 1	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	FUNCTION TOTAL
FUNCTIONAL AREA					
AMMUNITION	1	1	4	1	7
ENGINEER	2				2
CHEMICAL		1	1		2
MAINTENANCE	3	4	6	1	16
POL	2	8	3	1	15
CIVIL MIL OPS	1	1	6	3	12
MEDICAL		1	3	1	8
TRANSPORTATION	2	8	7	2	20
SIGNAL			1	1	2
MP/CID			2		2
PSS	2	3			6
SUPPLY	3	3	4	3	17
OTHER		1	2	1	4
O/C		1	1	1	4
TOTAL RESPONSE	10	33	40	17	126
PERCENTAGE	7.9%	26.2%	31.7%	13.5%	100.0%

CLASSIFICATION	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	CLASS TOTAL
OF BANK					
FIELD GRADE	6	13	16	7	51
COMPANY GRADE	3	18	15	6	54
WO					1
NCO	1	3	9	4	20
TOTAL RESPONSE	10	33	40	17	126
PERCENTAGE	7.9%	26.2%	31.7%	13.5%	100.0%

COMPONENT	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE					
RESERVE	4	20	19	8	67
GUARD	3	8	17	7	42
	3	3	4	2	12
TOTAL RESPONSE	10	33	40	17	126
PERCENTAGE	7.9%	26.2%	31.7%	13.5%	100.0%

The responses for the variable "Replicates wartime procedures" ranged from strongly disagree to agree. There were 126 valid responses with 7 missing values. The average response to this question was somewhat disagree. But, although the modal response was somewhat agree, the general belief fell slightly into the disagree category. The majority of respondents aligning themselves with the functional areas engineer (100% of respondents), maintenance (56% of respondents), POL (73% of respondents), transportation (69% of respondents), and PSS (100% of respondents), disagreed with the statement to a degree (5 of 14), indicating dissatisfaction. All respondents for engineer and PSS (100% of respondents) disagreed with the statement. The majority of ammunition (71%), civil military ops (75%), signal (100%), MP/CID (100%), supply (53%) and Other (75%) responded in the agreement category (6 of 14). Signal and MP/CID posted 100% agreement levels. Although there were a greater number of functional areas that indicated agreement, the functional areas indicating disagreement contained more respondents. Chemical, medical and O/C responses netted a zero sum, indicating overall neutrality. 60% of the active component respondents disagreed with the statement. 61% of the company grade officers disagreed as well. Overall, 55% of the respondents disagreed with the variable "Replicates wartime procedures"; 45% agreed. Since the analysis was based on respondents either indicating some level of agreement or some level of disagreement, the number of response options was reduced from 6 (from: strongly disagree, disagree...strongly agree; to: agree or disagree) to 2, the modal response indicated previously was not considered in the overall modal response percentage.

AGREE	DISAGREE	NEUTRAL
Ammunition	Active	Chemical
Civil Mil Ops	Company Grade	Medical
MP/CID	Engineer	O/C
NCO	Field Grade	
Other	Guard	
Reserve	Maintenance	
Signal	POL	
Supply	PSS	
	Transportation	
	WO	

TABLE 3-17
QUESTION NUMBER 2

Responses for the variable "Easy to operate" ranged from strongly disagree to strongly agree. There were 114 valid responses with 19 missing values. The average response was somewhat agree; the modal response was agree. The responses for the functional areas chemical, PSS and O/C netted zero sums (there were as many respondents agreeing as disagreeing). All other functional areas indicated some level of agreement. Ammunition (86%), POL (92%), signal (100%), MP/CID (100%) and supply (88%) indicated strong agreement. Those functional areas posting majority agreements, with a somewhat lower percentage were: maintenance (75%), civil military ops (67%), medical (75%), and Other (75%). Transportation captured the largest disagreement percentage (33%), with 67% indicating agreement with the statement. As 31% of the field grade officers indicated some level of disagreement. As the classification of rank decreased, the percentage of disagreement fell (NCOs indicated only 20% disagreement). 32% of the active component respondents disagreed, by far the highest percentage for that question (reserve: 17%; guard: 12%). If you did not think CSSTSS was easy to operate, you would likely be an active field grade transportation officer. Overall, 25% of the respondents disagreed with the variable "Easy to operate"; 75% agreed, which indicates that overall CSSTSS is easy to operate.

EASY TO OPERATE		STRONGLY DISAGREE	DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL
QUESTION 1								
FUNCTIONAL AREA								
AMMUNITION				1			3	7
ENGINEER							2	0
CHEMICAL				1				2
MAINTENANCE	1			3		6	2	16
POL			1			9	3	13
CIVIL MIL OPS				3		2		9
MEDICAL				2		1	4	8
TRANSPORTATION			3	6		7	3	27
SIGNAL						1		2
MP/CID						1		1
PSS			1	1		1		4
SUPPLY			2			8	2	17
OTHER				1		2		4
QC			1	1				4
TOTAL RESPONSE	1	8	19	31	40	15	114	100.0%
PERCENTAGE	0.9%	7.0%	16.7%	27.2%	35.1%	13.2%		
CLASSIFICATION		STRONGLY DISAGREE	DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL
OF RANK								
FIELD GRADE	1		4	9		14	3	45
COMPANY GRADE			3	7		17	9	48
WO						1		1
NCO			1	3		8	3	28
TOTAL RESPONSE	1	8	19	31	40	15	114	100.0%
PERCENTAGE	0.9%	7.0%	16.7%	27.2%	35.1%	13.2%		
COMPONENT		STRONGLY DISAGREE	DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE	1		5	14		18	5	62
RESERVE			1	5		10	6	35
GUARD			2			3	4	12
TOTAL RESPONSE	1	8	19	31	40	15	114	100.0%
PERCENTAGE	0.9%	7.0%	16.7%	27.2%	35.1%	13.2%		

AGREE DISAGREE NEUTRAL

Active
Ammunition
Civil Mil Ops
Company Grade
Field Grade
Guard
Maintenance
Medical
MP/CID
NCO
Other
POL
Reserve
Signal
Supply
Transportation
WO

Chemical
Engineer
QC
PSS

TABLE 3-18
QUESTION NUMBER 3

REPORTS IN ARMY STANDARD FORMAT					
QUESTION 3	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE
FUNCTIONAL AREA					
AMMUNITION			1	4	7
ENGINEER		1	1	1	2
CHEMICAL			1	1	2
MAINTENANCE	1	1	8	3	13
POL		2	1	9	13
CIVIL MIL OPS			1	4	10
MEDICAL			2	3	8
TRANSPORTATION		3	5	12	20
SIGNAL			1	1	2
MP/CID			1	1	2
PSS		1	3	1	5
SUPPLY	1		6	6	17
OTHER			1	3	4
QC	1		1	1	3
TOTAL RESPONSE	3	7	48	41	120
PERCENTAGE	2.5%	5.8%	40.0%	34.2%	100.0%

CLASSIFICATION OF BANK					
QUESTION 3	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE
FUNCTIONAL AREA					
AMMUNITION			19	12	3
ENGINEER		1	22	20	2
CHEMICAL			7	1	1
MAINTENANCE	1	2	7	8	2
POL			48	41	7
CIVIL MIL OPS		7	40.0%	34.2%	5.8%
MEDICAL			48	41	7
TRANSPORTATION		3	48	41	7
SIGNAL			48	41	7
MP/CID			48	41	7
PSS		1	48	41	7
SUPPLY	1		48	41	7
OTHER			48	41	7
QC	1		48	41	7
TOTAL RESPONSE	3	7	48	41	120
PERCENTAGE	2.5%	5.8%	40.0%	34.2%	100.0%

COMPONENT					
QUESTION 3	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE
FUNCTIONAL AREA					
AMMUNITION			26	20	2
ENGINEER		1	16	13	3
CHEMICAL			6	8	2
MAINTENANCE	2	4	6	8	2
POL			48	41	7
CIVIL MIL OPS		7	48	41	7
MEDICAL			48	41	7
TRANSPORTATION		3	48	41	7
SIGNAL			48	41	7
MP/CID			48	41	7
PSS		1	48	41	7
SUPPLY	1		48	41	7
OTHER			48	41	7
QC	1		48	41	7
TOTAL RESPONSE	3	7	48	41	120
PERCENTAGE	2.5%	5.8%	40.0%	34.2%	100.0%

The responses for the variable "Reports in Army standard format" ranged from strongly disagree to strongly agree. There were 120 valid responses, with 13 missing values. The average response was somewhat agree. The modal response was also somewhat agree. Chemical, signal, MP/CID and Other posted 100% levels of agreement. Some other functional areas with high agreement majorities were: ammunition (86%), maintenance (93%), civil military ops (90%) and supply (88%). The only functional area that registered dissatisfaction was the O/C's, who's responses fell mostly into the disagree category (75%). This was contrary to all other functional areas for this question. Rank classification results did not reveal any particular group voicing disagreement (field grade officers possessed the highest level of disagreement: 26%). The guard provided the highest percentage of agreement (94%). The active component respondents voiced the highest agreement (94%). The active component respondents voiced the highest percentage of disagreement (26%). Overall, 20% of the respondents disagreed with the variable "Reports in Army standard format"; 80% agreed.

AGREE	DISAGREE	NEUTRAL
Active	QC	Engineer
Ammunition		
Chemical		
Civil Mil Ops		
Company Grade		
Field Grade		
Guard		
Maintenance		
Medical		
MP/CID		
NCO		
Other		
POL		
PSS		
Reserve		
Signal		
Supply		
Transportation		
WO		

TABLE 3-19
QUESTION NUMBER 4

EXCELLENT TRAINER							
QUESTION 4	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL
FUNCTIONAL AREA							
ADMINISTRATION		1		3	2	1	7
ENGINEER			1				1
CHEMICAL				1	1		2
MAINTENANCE		3	2	6	3	1	15
POL	3	1	1	6	3	1	15
CIVIL MIL OPS		1	1	6	4		12
MEDICAL				4	1	3	8
TRANSPORTATION		1	7	10	6	2	26
SIGNAL					2		2
MP/CID					2		2
PSS		2	1	2			5
SUPPLY	2	2	2	6	3	2	17
OTHER				1	2	1	4
O/C			2	1		1	4
TOTAL RESPONSE	5	11	17	46	31	12	122
PERCENTAGE	4.1%	9.0%	13.9%	37.7%	25.4%	9.8%	100.0%
CLASSIFICATION OF BAK							
FIELD GRADE	3	5	7	16	11	5	47
COMPANY GRADE	1	5	10	20	13	5	54
WO				1			1
NCO	1	1		9	7	2	20
TOTAL RESPONSE	5	11	17	46	31	12	122
PERCENTAGE	4.1%	9.0%	13.9%	37.7%	25.4%	9.8%	100.0%
COMPONENT							
ACTIVE	2	6	10	21	20	5	64
RESERVE		4	3	20	10	4	41
GUARD	3	1	4	5	1	3	17
TOTAL RESPONSE	5	11	17	46	31	12	122
PERCENTAGE	4.1%	9.0%	13.9%	37.7%	25.4%	9.8%	100.0%

The responses for the variable "Excellent trainer" ranged from strongly disagree to strongly agree. There were 122 valid responses to this question, with 11 missing values. The average response was somewhat agree; the modal response was also somewhat agree. Only 2 functional areas indicated some level of disagreement with the statement: engineer (100%) and PSS (60%). Chemical, medical, signal, MP/CID and Other posted 100% agreement levels. O/C posted a zero sum. NCOs indicated a 90% agreement level, with field grade (68%), company grade (70%) and WO (100%, 1 respondent) rounding out the rest of rank classification break outs. Response based on component indicated that the majority of all respondents agreed with the statement. Reserve provided the highest percentage of agreement with 83%, active was 72% and guard came in with 53%. Overall, 27% of the respondents disagreed with the variable "Excellent trainer"; 73% agreed. Therefore, it would appear that CSSTSS is overall an excellent trainer, aside from PSS and engineer who disagreed with the training value CSSTSS provided.

AGREE DISAGREE NEUTRAL

Active Engineer O/C

Ammunition PSS

Chemical

Civil Mil Ops

Company Grade

Field Grade

Guard

Maintenance

Medical

MP/CID

NCO

Other

POL

Reserve

Signal

Supply

Transportation

WO

TABLE 3-20
QUESTION NUMBER 5

LITTLE TRAINING VALUE		QUESTION 5					FUNCTION	
QUESTION 5		STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	TOTAL
FUNCTIONAL AREA								
AMMUNITION			3	1			2	7
ENGINEER					1	1		2
CHEMICAL			1				1	2
MAINTENANCE		1	4	5	5	1		16
POL		2	2	7	4	1		16
CIVIL MIL OPS		3	2	3	2	1	1	12
MEDICAL		4	2	2	1			9
TRANSPORTATION		4	14	6	5			29
SIGNAL			2					2
MP/CID			1	1				2
PSS		1			1	2	2	6
SUPPLY		5	1	5	5	1		17
OTHER		1	2			1		4
QC		1	1	1	1			4
TOTAL RESPONSE	22	35	27.5%	31	24.2%	25	19.5%	128
PERCENTAGE		17.5%				10	3.9%	100.0%
CLASSIFICATION OF RANK		STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE		11	15	9	9	4	3	51
COMPANY GRADE		5	17	14	13	5	2	56
WO					1			1
NCO		6	3	8	2	1		20
TOTAL RESPONSE	22	35	27.5%	31	25	10	5	128
PERCENTAGE		17.5%		24.2%	19.5%	7.8%	3.9%	100.0%
COMPONENT		STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE		7	19	16	14	8	4	68
RESERVE		10	11	11	8	2	1	43
GUARD		5	5	4	3			17
TOTAL RESPONSE	22	35	27.5%	31	25	10	5	128
PERCENTAGE		17.5%		24.2%	19.5%	7.8%	3.9%	100.0%

The responses for the variable "Little training value" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 128 valid responses, with 5 missing values. The average response for this variable was somewhat disagree; the modal response was disagree. Engineer and PSS provided strong agreement to the statement (100% and 83% respectively), indicating dissatisfaction with the training value of CSSTSS. Which taken with the previous question, this indicated a dissatisfaction trend. For the most part, those functional areas who believed that CSSTSS was an excellent trainer, also disagreed with the statement that CSSTSS provides little training value. MP/CID and signal provided 100% satisfaction responses for both questions (number 4 and 5). All other functional area respondents indicated disagreement (satisfaction). Based on classification of rank, the majority of respondents believed there was training value. The NCOs posted the highest percentage of disagreement (85%). The guard (82%) and reserve (74%) found more training value than did active (62%) army respondents. Overall, 69% of the respondents disagreed with the variable "Little training value"; 31% agreed. Therefore, it appeared, based on questions 4 and 5, that overall CSSTSS provided training utility, aside from engineer and PSS.

AGREE	DISAGREE	NEUTRAL
Engineer	Active	Chemical
PSS	Ammunition	
WO	Civil Mil Ops	
	Company Grade	
	Field Grade	
	Guard	
	Maintenance	
	Medical	
	MP/CID	
	NCO	
	OC	
	Other	
	POL	
	Reserve	
	Signal	
	Supply	
	Transportation	

TABLE 3-21
QUESTION NUMBER 6

The responses for the variable "Spot/Alert reports tailorable" ranged from strongly disagree to strongly agree. There were 101 valid responses, with 32 missing values. This question provided the lowest valid response rate of all the survey questions. The average response was somewhat agree; the modal response was agree. Civil military ops, signal, MP/CID and PSS posted 100% levels of agreement. Other functional areas providing strong agreement were: ammunition (83%), maintenance (83%), POL (82%), and supply (83%). The only functional area recording a majority disagreement response was O/C (75%). Since all other functional category players indicated agreement, it would appear the O/Cs see a somewhat different view of Spot/Alert reports. Engineer, chemical and Other were zero sum neutral. All respondents classified by rank indicated agreement, except the single WO respondent who indicated disagreement. Agreement percentage increased as rank classification decreased (from field grade with 70%, to NCO with 85%). Disagreement broken out by component ranged from 17% (reserve) to 27% (guard). Active was 24% in disagreement. Overall, 22% of the respondents disagreed with the variable "Spot/Alert reports tailorable"; 78% agreed, which would indicate that spot/alert reports were tailorable.

SPOT/ALERT REPORTS TAILORABLE					AGREE					DISAGREE					NEUTRAL				
QUESTION 6					AGREE					DISAGREE					NEUTRAL				
FUNCTIONAL AREA					AGREE					DISAGREE					NEUTRAL				
FUNCTIONAL AREA	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE
AMMUNITION																			
ENGINEER																			
CHEMICAL																			
MAINTENANCE																			
POL																			
CIVIL MIL OPS																			
MEDICAL																			
TRANSPORTATION																			
SIGNAL																			
MP/CID																			
PSS																			
SUPPLY																			
OTHER																			
O/C																			
TOTAL RESPONSE	1	9	12	33	37	34.7%	34.7%	11.9%	8.9%	7	37	34.7%	34.7%	6.9%	101				
PERCENTAGE	1.0%	8.9%	11.9%	34.7%	34.7%	34.7%	34.7%	11.9%	8.9%	6.9%	34.7%	34.7%	34.7%	6.9%	100.0%				
CLASSIFICATION OF RANK					AGREE					DISAGREE					NEUTRAL				
CLASSIFICATION OF RANK	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE
FIELD GRADE																			
COMPANY GRADE																			
WO																			
NCO																			
TOTAL RESPONSE	1	9	12	33	37	34.7%	34.7%	11.9%	8.9%	7	37	34.7%	34.7%	6.9%	101				
PERCENTAGE	1.0%	8.9%	11.9%	34.7%	34.7%	34.7%	34.7%	11.9%	8.9%	6.9%	34.7%	34.7%	34.7%	6.9%	100.0%				
COMPONENT					AGREE					DISAGREE					NEUTRAL				
COMPONENT	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	STRONGLY AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE
ACTIVE																			
RESERVE																			
GUARD																			
TOTAL RESPONSE	1	9	12	33	37	34.7%	34.7%	11.9%	8.9%	7	37	34.7%	34.7%	6.9%	101				
PERCENTAGE	1.0%	8.9%	11.9%	34.7%	34.7%	34.7%	34.7%	11.9%	8.9%	6.9%	34.7%	34.7%	34.7%	6.9%	100.0%				

TABLE 3-22
QUESTION NUMBER 7

The responses for the variable "Prior CSSTSS training inadequate" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 120 valid responses, with 13 missing values. The average response for this variable was somewhat agree; the modal response was strongly agree. All functional areas indicated majority agreement levels (additionally, no blocking variable indicated majority disagreement). Those functional areas indicating 100% agreement were engineer, signal, MP/CID and O/C. The functional areas ammunition (80%) and PSS (80%) also indicated high levels of agreement. Chemical posted the only zero sum neutral score. Based on classification of rank, 75% of field grade and 74% of company grade officers agreed that prior training was inadequate. the NCOs were nearly evenly split (44% disagree; 56% agree). Responses based on components all strongly fell into the agree group. Overall, 28% of the respondents disagreed with the variable "Prior CSSTSS training inadequate"; 72% agreed. Based on the responses provided, prior CSSTSS training was inadequate.

PRIOR CSSTSS TRAINING INADEQUATE														
QUESTION 7		STRONGLY DISAGREE		SOMETHAT DISAGREE		SOMETHAT AGREE		AGREE		STRONGLY AGREE		FUNCTION TOTAL		
FUNCTIONAL AREA														
AMMUNITION				1				1		3		5		
ENGINEER											2	2		
CHEMICAL				1						1		2		
MAINTENANCE		1	3					3	6	3		16		
POL		2	4					3	3	4		16		
CIVIL MIL OPS				2	1			1	1	5		10		
MEDICAL				2	1			1	3	2		9		
TRANSPORTATION		3	1	2				1	7	12		28		
SIGNAL										1	1	2		
MP/CID								1	1			2		
PSS		1						1	3			5		
SUPPLY		2	1	3				1	3	5		15		
OTHER				1				1		2		4		
O/C								1		3		4		
TOTAL RESPONSE		11	15	8				14	29	43		120		
PERCENTAGE		9.2%	12.5%	6.7%				11.7%	24.2%	35.8%		100.0%		
CLASSIFICATION OF RANK														
FIELD GRADE		4	5	4				5	13	20		51		
COMPANY GRADE		6	4	3				7	11	19		30		
WO									1			1		
NCO		1	6	1				2	4	4		18		
TOTAL RESPONSE		11	15	8				14	29	43		120		
PERCENTAGE		9.2%	12.5%	6.7%				11.7%	24.2%	35.8%		100.0%		
COMPONENT														
ACTIVE		3	8	6				9	17	21		64		
RESERVE		3	6	2				4	8	15		40		
GUARD		3	1					1	4	7		16		
TOTAL RESPONSE		11	15	8				14	29	43		120		
PERCENTAGE		9.2%	12.5%	6.7%				11.7%	24.2%	35.8%		100.0%		

AGREE DISAGREE NEUTRAL

Active
Ammunition
Civil Mil Ops
Company Grade
Engineer
Field Grade
Guard
Maintenance
Medical
MP/CID
NCO
OC
Other
POL
PSS
Reserve
Signal
Supply
Transportation
WO

Chemical

QUESTION NUMBER 8

REALISTIC FUNCTIONAL REPRESENTATION

QUESTION #	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL
FUNCTIONAL AREA							
ADMINISTRATION	3		1	3	1		7
ENGINEER	1	1					2
CHEMICAL	1		1				2
MAINTENANCE		1	3	6	3		15
POL.	4	6	2	3	1		16
CIVIL ENG. OPS	1	1	2	3	3		12
MEDICAL		2	3	3	1		9
TRANSPORTATION	2	7	4	13	2	1	29
SIGNAL	1			1			2
AMPHD			1		1		2
PSS	3		3				6
SUPPLY	3	3		7	3		16
OTHER			1		3		4
QC	1	1	1		1		4
TOTAL RESPONSE	19	22	24	41	19	1	126
PERCENTAGE	15.1%	17.5%	19.0%	32.5%	15.1%	0.8%	100.0%

The responses for the variable "Realistic doctrinal representation" ranged from strongly disagree to strongly agree. There were 126 valid responses, with 7 missing values. The average response for this variable was somewhat disagree; the modal response was somewhat agree. Response for this variable was split. Those functional areas with a majority of disagreement was engineer (100%), chemical (100%), POL (75%), medical (56%), PSS (100%) and O/C (75%). Engineer, chemical and PSS posted a 100% disagreement level. Those functional areas with a majority of agreement was ammunition (57%), maintenance (60%), civil military ops (67%), transportation (55%), supply (63%), and Other (75%). Those functional area respondents indicating disagreement, did so on a higher percentage basis than did those functional areas in agreement (Disagree: 100% scores - 3, 75% scores - 2; Agree: most fell in the 50 and 60 percent range). Signal and MP/CID had zero sums. The majority of the officers (including WOs) disagreed with the statement. The majority of the NCOs, conversely, agreed with the statement. Indicating the NCOs are viewing the doctrinal interpretation differently than are the officers (as a whole). The active component indicated a 55% level of disagreement. The guard (agree: 53%; disagree: 47%) and reserve (agree: 51%; disagree: 49%) were nearly evenly divided. Overall, 52% of the respondents disagreed with the variable "Realistic doctrinal representation", 48% agreed. Therefore engineer, chemical, POL, PSS, and O/C did not agree that there was a realistic doctrinal representation; Other agreed that there was a realistic doctrinal representation; the other function areas did not provide conclusive beliefs either way. Overall, response was not conclusive.

CLASSIFICATION	CLASSIFICATION OF RANK					CLASS TOTAL
	STRONGLY DISABLER	DISABLER	SOMEWHAT DISABLER	SOMEWHAT ADDER	STRONGLY ADDER	
FIELD GRADE	7	10	10	14	1	50
COMPANY GRADE	9	11	9	22	4	55
NO			1			1
NO	3	1	4	5	7	20
TOTAL RESPONSE	19	22	24	41	19	126
PERCENTAGE	15.1%	17.5%	19.0%	32.5%	15.1%	100.0%

COMPONENT	DISAGREE				AGREE				COMP TOTAL
	STRONGLY DISAGREE	DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	AGREE	STRONGLY AGREE			
ACTIVE	11	11	14	20	10		66		
RESERVE	3	8	10	13	6	1	43		
GUARD	3	3		6	3		12		
TOTAL RESPONSE	19	22	24	41	19	1	126		
PERCENTAGE	15.1%	17.5%	19.0%	32.5%	15.1%	0.8%	100.0%		

NEUTRAL	MP/CID	Signal
DISAGREE	Active	Chemical
AGREE	Company Grade	Engineer
	Field Grade	Medical
	QC	POL
	PSS	WO
	Transportation	

TABLE 3-24
QUESTION NUMBER 9

The responses for the variable "Appropriate event sequencing" ranged from strongly disagree to strongly agree. There were 125 valid responses, with 8 missing values. The average response for this variable was somewhat agree; the modal response was also somewhat agree. All respondents for chemical and Other functional categories indicated agreement. Other functional areas with majority agreement responses were: ammunition (57%), maintenance (80%), medical (78%), transportation (76%), and supply (75%). Functional areas with a majority of disagreement were: engineer (100%), POL (63%), civil military ops (58%) and PSS (83%). Signal, MP/CID and O/C were zero sum neutral. Broken out by classification of rank, the majority of respondents indicated agreement with the statement (field grade, 62%; company grade, 56%; WO, 100%; NCO, 85%). Nearly 70% of the active component respondents indicated agreement. Non-active components ranged in agreement from 53% (reserve) to 65% (guard). Overall, 37% of the respondents disagreed with the variable "Appropriate event sequencing"; 63% agreed. This variable was split for the most part, but engineer and PSS provided strong disagreement; chemical, maintenance, transportation, supply and other provided strong agreement. NCO also posted strong agreement.

APPROPRIATE EVENT SEQUENCING													
QUESTION 9			STRONGLY DISAGREE		SOMETHAT DISAGREE		SOMETHAT AGREE		AGREE		STRONGLY AGREE		FUNCTION TOTAL
FUNCTIONAL AREA													
AMBULANCE			1		2		2		2		7		7
ENGINEER			1										1
CHEMICAL							1		1				2
MAINTENANCE			1		2		7		5				15
POL			3		4		5		1				16
CIVIL MIL OPS			1		3		1		4				12
MEDICAL					2		4		3				9
TRANSPORTATION			3		4		13		7		2		29
SIGNAL					1		1		1				2
MP/CID			1		1				1				2
PSS			1		3						1		6
SUPPLY			2		2		7		3				16
OTHER									4				4
O/C			2				2						4
TOTAL RESPONSE			9		20		43		33		3		125
PERCENTAGE			7.2%		16.0%		34.4%		26.4%		2.4%		100.0%

CLASSIFICATION OF RANK													
QUESTION 9			STRONGLY DISAGREE		SOMETHAT DISAGREE		SOMETHAT AGREE		AGREE		STRONGLY AGREE		CLASS TOTAL
FIELD GRADE			3		6		16		13		2		50
COMPANY GRADE			6		9		19		11				54
WO							1						1
NCO					2		7		9		1		20
TOTAL RESPONSE			9		17		43		33		3		125
PERCENTAGE			7.2%		13.6%		34.4%		26.4%		2.4%		100.0%

COMPONENT													
QUESTION 9			STRONGLY DISAGREE		SOMETHAT DISAGREE		SOMETHAT AGREE		AGREE		STRONGLY AGREE		COMP TOTAL
ACTIVE			2		8		28		16		1		65
RESERVE			4		8		9		13		1		43
GUARD			3		1		6		4		1		12
TOTAL RESPONSE			9		17		43		33		3		125
PERCENTAGE			7.2%		13.6%		34.4%		26.4%		2.4%		100.0%

AGREE DISAGREE NEUTRAL

Active Civil Mil Ops MP/CID

Ammunition Engineer O/C

Chemical POL Signal

Company Grade PSS

Field Grade

Guard

Maintenance

Medical

NCO

Other

Reserve

Supply

Transportation

WO

TABLE 3-25
QUESTION NUMBER 10

The responses for the variable "Appropriate time between events" ranged from strongly disagree to strongly agree. 126 valid responses were analyzed, with 7 missing values. The average response for this variable was somewhat disagree; the modal response was somewhat agree. This question was similar to question 9. Chemical again posted 100% agreement, matched by MP/CID. Chemical, maintenance, medical, transportation and supply indicated agreement in both questions 9 and 10. POL and PSS indicated disagreement in both questions. For this variable, maintenance (73%), medical (56%), transportation (52%), and supply (69%) had majority agreement responses. Functional areas in disagreement were: ammunition (57%), POL (63%), PSS (83%), Other (75%) and O/C (75%). Engineer, civil military ops and signal were zero sum. Field grade officers (56%) and NCOs (65%) indicated agreement; company grade officers (55%) and WO (100%) indicated disagreement with the statement. Overall, 48% of the respondents disagreed with the variable "Appropriate time between events"; 52% agreed. Although the overall response was split, there were indications that many functional areas were falling into trends (as was indicated above).

APPROPRIATE TIME BETWEEN EVENTS					FUNCTIONAL AREA	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	STRONGLY AGREE	FUNCTION TOTAL
QUESTION 10	PERCENTAGE	11	25	3						
AMMUNITION										7
ENGINEER										2
CHEMICAL										2
MAINTENANCE										15
POL										16
CIVIL MIL OPS										12
MEDICAL										9
TRANSPORTATION										29
SIGNAL										2
MP/CID										2
PSS										6
SUPPLY										16
OTHER										4
O/C										4
TOTAL RESPONSE										126
PERCENTAGE										100.0%

CLASSIFICATION OF RANKS					CLASS	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE	PERCENTAGE	4	8	10						
COMPANY GRADE										50
WO										55
NCO										1
TOTAL RESPONSE										20
PERCENTAGE										126

COMPONENT					COMP	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE	PERCENTAGE	3	10	14						
RESERVE										43
GUARD										12
TOTAL RESPONSE										126
PERCENTAGE										100.0%

AGREE
Active
Chemical
Field Grade
Maintenance
Medical
MP/CID
NCO
Reserve
Supply
Transportation

DISAGREE
Ammunition
Company Grade
Guard
O/C
Other
POL
PSS
WO

NEUTRAL
Civil Mil Ops
Engineer
Signal

TABLE 3-26
QUESTION NUMBER 11

The responses for the variable "Information fidelity not present - situations" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 126 valid responses, with 7 missing values. The average response for this variable was somewhat agree; the modal response was agree. Under the functional category Other, 75% of the respondents disagreed with the statement. All other functional areas contained majority agreement. Functional areas providing 100% agreement were: engineer and PSS. Functional areas providing strong agreement were: ammunition (71%), POL (79%), transportation (76%) and O/C (75%). Chemical, signal and MP/CID were zero sum neutral. Based on classification of rank, and component, the majority of blocking variables provided response that fell into the agree category (field grade, 71%; company grade, 74%; NCO, 60%; active, 73%; reserve, 67%; guard, 63%). WO was the single exception, providing a single response of disagree. Overall, 30% of the respondents disagreed with the variable "Information fidelity not present - situations"; 70% agreed. Therefore, across nearly all blocking variables, respondents did not feel that the type of information normally available during a real-world situation was provided by the CSSTSS simulation.

INFORMATION FIDELITY NOT PRESENT - SITUATIONS					STONGLY FUNCTION	
QUESTION 11	STRONGLY DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	AGREE	STRONGLY AGREE	TOTAL
FUNCTIONAL AREA						
AMMUNITION		2			3	7
ENGINEER					2	2
CHEMICAL		1			1	2
MAINTENANCE	1	2	4	2	3	16
POL		1	2	2	6	14
CIVIL MIL OPS		3	1	2	1	13
MEDICAL		1	2	4	2	9
TRANSPORTATION	1	3	3	7	12	29
SIGNAL			1		1	2
MP/CID		1			1	2
PSS				4	1	6
SUPPLY	1	2	2	3	3	16
OTHER		3			1	4
O/C		1			3	4
TOTAL RESPONSE	3	18	17	29	36	126
PERCENTAGE	2.4%	14.3%	13.5%	23.0%	28.6%	100.0%
CLASSIFICATION OF RANK						
FIELD GRADE	1	9	5	10	17	51
COMPANY GRADE	2	3	9	15	10	54
WO		1				1
NCO		5	3	4	4	20
TOTAL RESPONSE	3	18	17	29	36	126
PERCENTAGE	2.4%	14.3%	13.5%	23.0%	28.6%	100.0%
COMPONENT						
ACTIVE		9	9	19	18	67
RESERVE	2	7	5	7	15	43
GUARD	1	2	3	3	3	16
TOTAL RESPONSE	3	18	17	29	36	126
PERCENTAGE	2.4%	14.3%	13.5%	23.0%	28.6%	100.0%

AGREE **DISAGREE** **NEUTRAL**

Active
Ammunition
Civil Mil Ops
Company Grade
Engineer
Field Grade
Guard
Maintenance
Medical
NCO
O/C
POL
PSS
Reserve
Supply
Transportation

Other
WO

Chemical
MP/CID
Signal

TABLE 3-27
QUESTION NUMBER 12

The responses for the variable "Request procedures appropriate" ranged from strongly disagree to strongly agree. There were 118 valid responses, with 15 missing values. The average response was somewhat disagree; the modal response was somewhat agree. The functional area ammunition possessed a majority response falling into the disagree category (71%). POL also posted a high disagreement level (77%). Medical and PSS also posted majority disagree levels (57% and 60% respectively). This would indicate a fairly strong feeling that request procedures were not appropriate, at least for ammunition and POL. Those functional areas posting 100% agreement levels were chemical, signal, MP/CID and Other. Other functional areas posting a majority of agreement responses were maintenance (56%), civil military ops (60%), transportation (69%), and O/C (75%). Chemical and supply provided zero sum scores. Company grade officers also netted a zero sum (despite the fact there were 52 total respondents for that blocking variable). Field grade officers agreed with the statement for the most part (67%). Conversely, the NCOs did not agree with the statement (55%). Company grade officers were zero sum neutral. Active and reserve component respondents indicated agreement (56% and 63% respectively) with request procedures, but the guard did not (63% disagree; 37% agree). Overall, 44% of the respondents disagreed with the variable "Request procedures appropriate"; 56% agreed. Although the overall response was fairly even, engineer, signal, MP/CID, Other and O/C strongly agreed as a whole; ammunition and POL strongly disagreed as a whole. Beliefs based on classification of rank and component were not conclusive.

REQUEST PROCEDURES APPROPRIATE					AGREE					DISAGREE				
QUESTION 12					STRONGLY DISAGREE					STRONGLY AGREE				
FUNCTIONAL AREA					SOMETHAT DISAGREE					SOMETHAT AGREE				
AMMUNITION					2					1				
ENGINEER														
CHEMICAL					1					1				
MAINTENANCE					1					1				
POL					4					3				
CIVIL MIL OPS					1					3				
MEDICAL					1					2				
TRANSPORTATION					1					1				
SIGNAL										1				
MP/CID										2				
PSS					3					2				
SUPPLY					3					7				
OTHER										4				
O/C										1				
TOTAL RESPONSE					10					46				
PERCENTAGE					8.5%					39.0%				
CLASSIFICATION OF RANK					3					15				
FIELD GRADE					4					2				
COMPANY GRADE					11					1				
WO														
NCO					3					7				
TOTAL RESPONSE					10					46				
PERCENTAGE					8.5%					39.0%				
COMPONENT					4					7				
ACTIVE					9					10				
RESERVE					3					1				
GUARD					4					2				
TOTAL RESPONSE					10					46				
PERCENTAGE					8.5%					39.0%				

AGREE	DISAGREE	NEUTRAL
Active	Ammunition	Chemical
Civil Mil Ops	Guard	Company Grade
Engineer	Medical	Supply
Field Grade	NCO	
Maintenance	POL	
MP/CID	PSS	
O/C		
Other		
Reserve		
Signal		
Transportation		
WO		

TABLE 3-28
QUESTION NUMBER 13

The responses for the variable "Resource distribution appropriate" ranged from strongly disagree to strongly agree. There were 118 valid responses, with 15 missing values. The average response was somewhat agree; the modal response was also somewhat agree. This question closely correlates to question number 12. Both questions reflected 118 valid responses. Maintenance, civil military ops, transportation, signal, MP/CID, Other and O/C (7 of 14 functional areas) posted agreement level responses for both questions 12 and 13. Indicating disagreement for both questions 12 and 13 were medical and PSS (2 of 14). A total of 8 out of 14 maintained the same response category (57%). Ammunition and engineer reversed their responses between the two (ammunition disagreed 71% on 12, and agreed 71% on 13; engineer agreed 100% on 12, and disagreed 100% on 13); this indicates that only 2 of 14 (14%) did not respond in the same manner on the two questions. Functional areas that were neutral on 12 (chemical and supply) changed to agreement on 13. For this question, based on functional categories, the following had majority responses of disagreement: engineer (100%), medical (57%) and PSS (60%). Chemical, signal, MP/CID and Other posted 100% agreement scores. Ammunition posted 71% agreement, the others were in the 60% range: maintenance, POL, civil military ops, transportation, supply and O/C. There were no zero sum neutral scores for this variable. All respondents based on classification of rank posted majority agreement levels. Field grade was 69%; NCOs were 70%. Company grade officers provided a smaller percentage (54%). The lone WO was also in agreement with the statement. With regard to the component category, the active (66%) and reserve (68%) respondents agreed with the statement, but the majority of guard respondents disagreed with the statement (63%). Overall, 37% of the respondents disagreed with the variable "Resource distribution appropriate"; 63% agreed. Based on questions 12 and 13, there were indications that many functional areas are providing trends with regard to their responses (as indicated above). Overall, resource distribution is appropriate.

RESOURCE DISTRIBUTION APPROPRIATE										
QUESTION 13	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL				
FUNCTIONAL AREA										
AMMUNITION		1	1		2	7				
ENGINEER			1			1				
CHEMICAL				1	1	2				
MAINTENANCE	1	1	4	9	1	16				
POL	4	1	1	4	3	13				
CIVIL MIL OPS	1	2	1	3	2	11				
MEDICAL			4	2	1	7				
TRANSPORTATION	1	4	6	11	5	28				
SIGNAL				1	1	2				
SUPPLY				2		2				
PSS		1	2	2		5				
SUPPLY	2	4		6	4	16				
OTHER				4		4				
O/C			1	2	1	5				
TOTAL RESPONSE	9	14	28	52	21	118				
PERCENTAGE	7.6%	11.9%	17.9%	44.1%	17.9%	100.0%				

CLASSIFICATION					STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE					4	4	6		18	13	45
COMPANY GRADE					3	9	12		21	6	52
WO									1	1	1
NCO					3	1	3		12	2	20
TOTAL RESPONSE					9	14	21		52	21	118
PERCENTAGE					7.6%	11.9%	17.8%		44.1%	17.8%	100.0%

COMPONENT					STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE					2	5	15	31	11		64
RESERVE					3	5	4	16	9	1	38
GUARD					4	4	2	5	1		16
TOTAL RESPONSE					9	14	21	53	21	1	118
PERCENTAGE					7.6%	11.9%	17.8%	44.1%	17.8%	0.8%	100.0%

AGREE
Active
Ammunition
Chemical
Civil Mil Ops
Company Grade
Field Grade
Maintenance
MP/CID
NCO
O/C
Other
POL
Reserve
Signal
Supply
Transportation
WO

DISAGREE
Engineer
Guard
Medical
PSS

NEUTRAL

TABLE 3-29
QUESTION NUMBER 14

The responses for the variable "Replicated airland battle doctrine" ranged from strongly disagree to agree. There were 114 valid responses with 19 missing values. The average response for this variable was somewhat disagree; the modal response was somewhat agree. Chemical and signal each posted 100% agreement levels. Ammunition (86%), maintenance (87%), civil military ops (58%), medical (71%), supply (67%) and Other (67%) posted majority agreement scores. Engineer and MP/CID each indicated 100% disagreement levels. POL (55%), transportation (52%) and PSS (80%) also posted majority disagreement levels. In this case, O/C had a zero sum score. Based on rank classification, all officer grades were in agreement with the statement (field grade, 64%; company grade, 62%; WO, 100%). In contrast to the commissioned and warrant officers, NCOs posed a 58% level of disagreement. Active (66%) and reserve (56%) component respondents had majority agreement scores, but the guard respondents were in disagreement (56%). Overall, 40% of the respondents disagreed with the variable "Replicated airland battle doctrine"; 60% agreed. The overall mean was computed based on a weighted average utilizing the Likert scale (strongly disagree, disagree...strongly agree). Since there were no strongly agree responses for this variable, the distribution of responses were weighted heavier on the disagree side. Therefore, although the weighted average was somewhat disagree, based on a split of only disagree or agree, the majority belief fell into the agree category. Aside from those functional areas indicating strong agreement (ammunition, chemical, maintenance, medical and signal) or strong disagreement (engineer, MP/CID and PSS), the overall response for this variable was split.

REPLICATED AIRLAND BATTLE DOCTRINE									
QUESTION 14		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	
FUNCTIONAL AREA		STRONGLY DISAGREE		SOMWHAT DISAGREE		SOMWHAT AGREE		STRONGLY AGREE	

TABLES 3-30
QUESTION NUMBER 15

The responses for the variable "Summary reports friendly" ranged from strongly disagree to strongly agree. The average response was somewhat agree; the modal response was also somewhat agree. Engineer, POL, signal and Other posted 100% agreement levels. Other functional areas that possessed majority agreement levels were: ammunition (86%), maintenance (88%), civil military ops (82%), medical (86%), transportation (79%) and supply (81%). Most notable in the disagreement category was O/C with a 100% disagreement level. The only other functional area in disagreement was PSS (80%). Chemical and MPCID had a zero sum. The NCO respondents posted an 89% agreement level, which was the highest for all non-functional area blocking variables. All other respondents, based on classification of rank, possessed majority scores of agreement (field grade officers, 70%; company grade officers, 83%; WO, 100%). All respondents based on component possessed majority scores that fell into the agreement category (active, 77%; reserve, 84%; guard, 76%). The reserve posted the highest agreement level for component blocking variables. Overall, 21% of the respondents disagreed with the variable "Summary reports friendly"; 79% agreed. Therefore, it became apparent that the majority of respondents agreed that the summary reports generated by CSSTSS were easy to use (user friendly). The exceptions to this statement are O/C and PSS, who did not agree with the question.

SUMMARY REPORTS FRIENDLY		QUESTION 15				FUNCTIONAL AREA		STRENGTHLY DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		AGREE		STRENGTHLY AGREE		FUNCTION TOTAL	
QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	STRENGTHLY DISAGREE	DISAGREE	FUNCTION TOTAL	PERCENTAGE
AMMUNITION	1				2.5%	1				11.9%	3				38.1%	2		7	100.0%
ENGINEER																		2	
CHEMICAL						1										1		2	
MAINTENANCE																		16	
POL																		13	
CIVIL MIL OPS						1										3		11	
MEDICAL																6		7	
TRANSPORTATION						2										3		17	
SIGNAL																5		11	
INFANTRY																12		28	
PSS																1		2	
SUPPLY																1		2	
OTHER																4		16	
O/C																3		3	
TOTAL RESPONSE	3	4	14		2.5%	3	4	14		11.9%	45	35			29.7%	13		118	100.0%

CLASSIFICATION OF RANK		QUESTION 15				CLASSIFICATION OF RANK		STRENGTHLY DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		AGREE		STRENGTHLY AGREE		CLASS TOTAL	
QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	CLASS TOTAL	PERCENTAGE
FIELD GRADE																		46	
COMPANY GRADE						3												52	
WO																		1	
NCO						1												12	
TOTAL RESPONSE	3	4	14		2.5%	3	4	14		11.9%	45	35			29.7%	13		118	100.0%

COMPONENT		QUESTION 15				COMPONENT		STRENGTHLY DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		AGREE		STRENGTHLY AGREE		COMP TOTAL	
QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	QUESTION 15	STRENGTHLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	DISAGREE	PERCENTAGE	COMP TOTAL	PERCENTAGE
ACTIVE																		64	
RESERVE						2												37	
GUARD						3												12	
TOTAL RESPONSE	3	4	14		2.5%	3	4	14		11.9%	45	35			29.7%	13		118	100.0%

AGREE	DISAGREE	NEUTRAL
Active	O/C	Chemical
Ammunition	PSS	MP/CID
Civil Mil Ops		
Company Grade		
Engineer		
Field Grade		
Guard		
Maintenance		
Medical		
NCO		
Other		
POL		
Reserve		
Signal		
Supply		
Transportation		
WO		

TABLE 3-31
QUESTION NUMBER 16

The responses for the variable "Information timeliness" ranged from strongly disagree to strongly agree. There were 120 valid responses, with 13 missing values. The average response for this variable was Somewhat agree; the modal response was also somewhat agree. The functional categories engineer, signal and Other posted 100% agreement levels. Ammunition (57%), maintenance (76%), POL (71%), medical (63%), transportation (59%) and supply (80%) possessed a majority agreement level scores. The O/C respondents for this variable indicated a 100% disagreement level (O/C has posted 100% disagreement levels on this information related question, as well as question number 15, also information related). MP/CID also responded with all disagreement scores. Civil military ops (58%), and PSS (60%) possessed disagreement majority responses. Chemical was the only functional area to post a zero sum neutral score for this question. All respondents based on classification of rank posted majority agreement scores (field grade, 59%; company grade, 61%; WO, 100%; NCO, 68%). Response based on component netted agreement (active, 63%; reserve, 58%; guard, 65%). Overall, 38% of the respondents disagreed with the variable "information timeliness"; 62% agreed. As mentioned earlier, O/C respondents have provided disagreement scores with this and the previous information related questions. This would indicate a possible trend. Therefore, it would appear that most of the respondents believed that the timeliness of information was appropriate in CSSTSS to support the training exercise.

INFORMATION TIMELINESS												
QUESTION 16												
FUNCTIONAL AREA												
STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL						
AMMUNITION	1	2		3	1	7						
ENGINEER				1		1						
CHEMICAL	1			1		2						
MAINTENANCE	3	1		7	4	16						
POL	1	2		4	5	14						
CIVIL MIL OPS	3	3		2	3	12						
MEDICAL	1	2		2	2	8						
TRANSPORTATION	2	3	5	8	6	29						
SIGNAL				1	1	2						
MP/CID			2			2						
PSS		3		2		5						
SUPPLY	2		1	7	4	15						
OTHER				2	1	3						
O/C	1	2	1			5						
TOTAL RESPONSE	9	18	19	40	27	120						
PERCENTAGE	7.5%	15.0%	15.0%	33.3%	22.5%	100.0%						

CLASSIFICATION OF RANK											
STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL					
FIELD GRADE	6	7	6	11	13	3	46				
COMPANY GRADE	3	8	10	23	9	2	54				
WO				1			1				
NCO		3	3	6	3	2	12				
TOTAL RESPONSE	9	18	19	40	27	7	120				
PERCENTAGE	7.5%	15.0%	15.8%	33.3%	22.5%	5.8%	100.0%				

COMPONENT											
ACTIVE											
RESERVE											
GUARD											
TOTAL RESPONSE											
PERCENTAGE											
STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL					
3	7	13	27	12	1	43					
3	8	6	9	10	4	40					
3	3		4	5	2	12					
9	18	19	40	27	7	120					
7.5%	15.0%	15.9%	33.3%	22.5%	5.8%	100.0%					

AGREE DISAGREE NEUTRAL

Active Civil Mil Ops Chemical
Ammunition MP/CID
Company Grade O/C
Engineer PSS
Field Grade
Guard
Maintenance
Medical
NCO
Other
POL
Reserve
Signal
Supply
Transportation
WO

TABLE 3-32
QUESTION NUMBER 17

The responses for the variable "CSSTSS information not accurate" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case would be viewed as a pro CSSTSS response. There were 118 valid responses, with 15 missing values. The average response was for this variable was somewhat agree; the modal response was somewhat disagree. Functional areas in agreement with the statement included (indicating they did not believe the information provided by CSSTSS was accurate): POL (57%), civil military ops (63%), signal (100%), PSS (80%) and supply (60%). Signal and PSS displayed the highest levels of dissatisfaction (agreement) of all functional areas. Those functioning with the respondents believing CSSTSS information was accurate (disagreeing with the statement) included ammunition (57%), engineer (100%), maintenance (56%), medical (78%), transportation (52%), and Other (100%). Engineer and Other posted the highest level of satisfaction, both 100% (disagreement with the statement). Based on classification of rank, all levels, aside from field grade officers (58% disagreement), were not satisfied with the accuracy of information CSSTSS provided. Company grade was 54%, WO was 100% (one respondent) and NCO was 53%. Based on classification of rank, there were no strong majority percentages going either way, aside from WO; response scores hovered in the 50 to 60 percent range. Active and guard respondents provided zero sum neutral scores (despite their number of respondents, 64 and 16 respectively). Reserve posted a 53% level of satisfaction (disagreement). Overall, 51% of the respondents disagreed with the variable "CSSTSS information not accurate"; 49% agreed. The response for this question was split, for the most part, aside from a few scores (agree - signal, PSS; disagree - engineer, medical, Other).

CSSTSS INFORMATION NOT ACCURATE		QUESTION 17				FUNCTIONAL AREA		TOTAL	
STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT AGREE	AGREE	STRONGLY AGREE	PERCENTAGE	STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT AGREE	AGREE
3	25	21.2%	22.0%	11.0%	118	2	2	2	1
2.5%	27.1%	22.0%	16.1%	11.0%	100.0%				
AMMUNITION									
ENGINEER									
CHEMICAL									
MAINTENANCE									
POL									
CIVIL MIL OPS									
MEDICAL									
TRANSPORTATION									
SIGNAL									
MP/CID									
PSS									
SUPPLY									
OTHER									
QC									

CLASSIFICATION OF RANK		QUESTION 17				TOTAL	
STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT AGREE	AGREE	STRONGLY AGREE	PERCENTAGE	STRONGLY DISAGREE	SOMETHAT DISAGREE
3	11	14	7	4	48	9	13
2.5%	21.2%	27.1%	16.1%	11.0%	100.0%	18.8%	27.1%
FIELD GRADE							
COMPANY GRADE							
WO							
NCO							

COMPONENT		QUESTION 17				TOTAL	
STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT AGREE	AGREE	STRONGLY AGREE	PERCENTAGE	STRONGLY DISAGREE	SOMETHAT DISAGREE
3	25	21.2%	22.0%	11.0%	118	2	2
2.5%	27.1%	22.0%	16.1%	11.0%	100.0%		
ACTIVE							
RESERVE							
GUARD							

AGREE DISAGREE NEUTRAL

Civil Mil Ops
Company Grade
NCO
POL
PSS
Signal
Supply
WO

Ammunition
Engineer
Field Grade
Maintenance
Medical
Other
Reserve
Transportation

Active
Chemical
Guard
MP/CID
QC

TABLE 3-33
QUESTION NUMBER 18

The responses for the variable "Information overload" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case would be viewed as a pro CSSTSS response. There were 123 valid responses for this variable, with 10 missing values. The average response was somewhat disagree; the modal response was disagree. Based on majorities for individual blocking variables, there were no consensus indications of agreement with the statement. Many functional areas were in 100% disagreement (indicating satisfaction), which were: chemical, maintenance, medical, MP/CID and O/C. Transportation was very high with 93% disagreement considering 29 respondents. Functional areas also posting majority disagreement levels were: ammunition (57%), POL (71%), civil military ops (73%) and supply (88%). Engineer, signal and Other posted zero sum neutral scores. Based on classification of rank and component, levels of satisfaction ranged mostly from the mid 70s to the mid 90s (field grade, 85%; company grade, 89%; WO, 100%; NCO, 74%; active, 85%; reserve, 83%; guard, 94%). Indicating that the majority of respondents, based on the blocking variables, believed that information overload was not present with CSSTSS. Overall, 85% of the respondents disagreed with the variable "Information overload"; 15% agreed. Therefore, based on the respondents beliefs, it would appear that information overload, based on real-world expectations, was not present. This could be taken different ways. Based on PSS's trend, some functional areas likely regarded not having too much information, as not having enough.

INFORMATION OVERLOAD		STRONGLY DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		STRONGLY AGREE		FUNCTION TOTAL	
QUESTION 18	FUNCTIONAL AREA	1	2	3	4	5	6	7	8	9	10
FUNCTIONAL AREA	AMMUNITION	1	2	1				2	1		7
	ENGINEER	1						1			2
	CHEMICAL		2								2
	MAINTENANCE	1	6	9							16
	POL	3	4	3				2		2	14
	CIVIL MIL OPS		3	3				3			11
	MEDICAL		6	3							9
	TRANSPORTATION	4	13	10							29
	SIGNAL		1					1		1	2
	MP/CID		1	1							2
CLASSIFICATION OF RANK	PSS	1	3	1							5
	SUPPLY	3	4	7				2			16
	OTHER		1	1				2			4
	O/C		3	1							4
	TOTAL RESPONSE	14	51	40		11					123
	PERCENTAGE	11.4%	41.5%	32.5%		8.9%					100.0%
CLASSIFICATION OF RANK		STRONGLY DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		STRONGLY AGREE		CLASS TOTAL	
QUESTION 18	CLASSIFICATION OF RANK	1	2	3	4	5	6	7	8	9	10
CLASSIFICATION OF RANK	FIELD GRADE	4	23	14		5	2				48
	COMPANY GRADE	9	19	21		4	1		1		55
	WO			1							1
	NCO	1	9	4		2	1	2			19
TOTAL RESPONSE		14	51	40		11	4	3			123
	PERCENTAGE	11.4%	41.5%	32.5%		8.9%	3.3%	2.4%			100.0%
COMPONENT		STRONGLY DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		STRONGLY AGREE		COMP TOTAL	
QUESTION 18	COMPONENT	1	2	3	4	5	6	7	8	9	10
COMPONENT	ACTIVE	7	26	23		7	3				66
	RESERVE	5	19	9		4	1	2			40
	GUARD	2	6	8				1			17
TOTAL RESPONSE		14	51	40		11	4	3			123
	PERCENTAGE	11.4%	41.5%	32.5%		8.9%	3.3%	2.4%			100.0%

AGREE DISAGREE NEUTRAL

Active Ammunition Chemical Civil Mil Ops Company Grade Field Grade Guard Maintenance Medical MP/CID NCO O/C POL PSS Reserve Supply Transportation WO

Engineer Other Signal

TABLE 3-34
QUESTION NUMBER 19

FUNCTIONAL AREA INTERFACE CORRECT				
QUESTION 19	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE
FUNCTIONAL AREA				
AMMUNITION	1	1	1	3
ENGINEER			1	1
CHEMICAL				2
MAINTENANCE		1	3	2
POL	1	4	2	2
CIVIL MIL OPS		2		
MEDICAL		1	3	1
TRANSPORTATION	2	3	4	6
SIGNAL		1		1
MP/CID				1
PSS	3	2	1	
SUPPLY	2		4	1
OTHER				2
OC			1	1
TOTAL RESPONSE	9	17	22	25
PERCENTAGE	7.4%	14.0%	18.2%	20.7%

CLASSIFICATION OF RANK				
CLASSIFICATION	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE
FIELD GRADE	1	5	10	1
COMPANY GRADE	5	11	6	1
WO			1	
NCO	2	1	3	
TOTAL RESPONSE	9	17	22	2
PERCENTAGE	7.4%	14.0%	18.2%	1.7%

COMPONENT				
COMPONENT	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE
ACTIVE	6	10	13	1
RESERVE		4	7	1
GUARD	3	3	3	
TOTAL RESPONSE	9	17	22	2
PERCENTAGE	7.4%	14.0%	18.2%	1.7%

The responses for the variable "Functional area interface correct" ranged from strongly disagree to strongly agree. There were 121 valid responses, with 12 missing values. The average response for this variable was somewhat agree; the modal response was also somewhat agree. All functional areas were in agreement except PSS (100% disagreement). Chemical, MP/CID and Other all posted 100% levels of agreement. Range of percentages of agreement for other functional areas was 57% (ammunition) to 82% (civil military ops). Other functional posting majority levels of agreement were: maintenance (60%), transportation (62%), supply (63%) and O/C (75%). Engineer, POL, medical and signal all posted zero sum scores. Based on classification of rank, field grade (66%) company grade (58%) and NCOs (56%) were favorable toward the statement. The single WO respondent was in disagreement. All respondents grouped by component were in agreement with the statement. Active was 55%, reserve was 72% and guard was 53%. Overall, 40% of the respondents disagreed with the variable "Functional area interface correct"; 60% agreed. Therefore, it would appear that the respondents believed that the interface between functional areas was doctrinally correct for their particular functional area. As with many questions, PSS provided the strong exception.

AGREE	DISAGREE	NEUTRAL
Active	PSS	Engineer
Ammunition		Medical
Chemical		POL
Civil Mil Ops		Signal
Company Grade		
Field Grade		
Guard		
Maintenance		
MP/CID		
NCO		
O/C		
Other		
Reserve		
Supply		
Transportation		

TABLE 3-35
QUESTION NUMBER 20

The responses for the variable "Information fidelity not present - reports" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 122 valid responses, with 11 missing values. The average response was somewhat agree; the modal response was somewhat disagree. Based on response grouped by function area, there were 6 functional areas in agreement; there were 4 areas in disagreement. Maintenance (56%), POL (71%), civil military ops (55%), medical (63%), transportation (59%), and PSS (100%), believed that the information provided by CSSTSS was not realistic. Ammunition (57%), engineer (100%), chemical (100%) and supply (56%), believed that information was realistic. Signal, MP/CID, Other and O/C were zero sum neutral for this variable. Field (54%) and company (56%) grade officers were dissatisfied, along with NCOs (68%). The single WO respondent was satisfied (disagreed) with the statement. Both non active components (reserve and guard) agreed with the statement (68% and 59% respectively), while the active component respondents provided a low level of disagreement (52%). Overall, 43% of the respondents disagreed with the variable "Information fidelity not present - reports"; 57% agreed. Therefore, the overall beliefs, based on respondents attitudes concerning information that is normally contained in real-world reports and was not included in CSSTSS reports, was split. There were no strong agreement or disagreement levels recorded for any (aside from the WO) for any of the rank classification or component blocking variables. Some functional areas provided strong agreement (POL and PSS); some functional areas provided strong disagreement (engineer and chemical). Nearly one third of the functional areas (4 of 14 or 29%) were completely neutral (signal, MP/CID, Other and O/C).

INFORMATION FIDELITY NOT PRESENT - REPORTS				
QUESTION 20	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE
FUNCTIONAL AREA				
AMMUNITION		1	3	1
ENGINEER		1	1	
CHEMICAL		1	1	
MAINTENANCE		1	6	
POL	1	1	3	4
CIVIL MIL OPS		2	1	1
MEDICAL	2	3	3	2
TRANSPORTATION	2	3	3	2
SIGNAL		1		
MP/CID		1		
PSS		3	6	1
SUPPLY		1	1	
OTHER		1	1	
O/C			2	
TOTAL RESPONSE	3	17	33	11
PERCENTAGE	2.5%	13.9%	27.0%	9.0%

CLASSIFICATION OF RANK				
FIELD GRADE	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE
COMPANY GRADE	1	8	13	7
WO	2	6	16	12
NCO		3	3	6
TOTAL RESPONSE	3	17	33	25
PERCENTAGE	2.5%	13.9%	27.0%	20.5%

COMPONENT				
ACTIVE	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE
RESERVE	2	6	5	12
GUARD	1	2	4	7
TOTAL RESPONSE	3	17	33	25
PERCENTAGE	2.5%	13.9%	27.0%	20.5%

AGREE	DISAGREE	NEUTRAL
Civil Mil Ops	Active	MP/CID
Company Grade	Ammunition	O/C
Field Grade	Chemical	Other
Guard	Engineer	Signal
Maintenance	Supply	
Medical	WO	
NCO		
POL		
PSS		
Reserve		
Transportation		

TABLE 3-36
QUESTION NUMBER 21

The responses for the variable "Training objective met" ranged from strongly disagree to strongly agree. There were 121 valid responses, with 12 missing values. The average response for this variable was somewhat agree; the modal response was also somewhat agree. The only functional areas indicating disagreement with the question was PSS (67%). All other functional areas were in agreement with the question. Several functional areas posted 100% agreement levels, including: engineer, chemical, signal, MP/CID, and Other. Other functional areas providing majority agreement scores were: ammunition (67%), maintenance (75%), POL (63%), civil military ops (55%), medical (75%), transportation (82%), supply (67%) and O/C (75%). Agreement was strong for this variable based on classification of rank: field grade (78%), company grade (65%), WO (100%) and NCO (74%). Active and reserve component respondents indicated agreement levels in the 70% range (active, 77%; reserve, 75%). The guard posted a 53% level of disagreement. Overall, 28% of the respondents disagreed with the variable "Training objectives met"; 72% agreed. Therefore, based on the attitudes the respondents expressed concerning the training objectives the their functional being met during the exercise, the majority of respondents were in agreement with the question (aside from PSS).

TRAINING OBJECTIVES MET															
QUESTION 21		STRONGLY DISAGREE		DISAGREE		SOMEWHAT DISAGREE		SOMEWHAT AGREE		AGREE		STRONGLY AGREE		FUNCTIONAL AREA	

AGREE DISAGREE NEUTRAL

Active
Ammunition
Chemical
Civil Mil Ops
Company Grade
Engineer
Field Grade
Maintenance
Medical
MP/CID
NCO
O/C
Other
POL
Reserve
Signal
Supply
Transportation
WO

TABLE 3-37
QUESTION NUMBER 22

The responses for the variable "Information situation control" ranged from strongly disagree to strongly agree. There were 124 valid responses, with 9 missing values. The average response for this variable was Somewhat disagree; the modal response was somewhat agree. Response for this question was fairly split between levels of agree and disagree. Those functional areas in agreement (6 of 14 or 43% of the functional areas) were: ammunition (100%), chemical (100%), maintenance (69%), transportation (52%), supply (56%) and Other (75%). Ammunition and chemical posted extremely high levels of satisfaction, while transportation and supply posted somewhat lower levels. Those functional areas posting levels of disagreement (4 of 14 or 29% of the functional areas) were: POL (56%), medical (63%), PSS (83%) and O/C (75%). PSS posted the highest percentage of total disagreement of the functional areas. Engineer, civil military ops, signal and MP/CID all posted zero sum scores. Company grade respondents were nearly split with 49% agreeing and 51% disagreeing. Field grade officers were also nearly split with 53% agreeing and 47% disagreeing. NCOs possessed a higher percentage of agreement with 68%. Active (58%) and reserve (52%) posted low levels of agreement, while guard respondents posted a low percentage of disagreement (59%). Overall, 46% of the respondents disagreed with the variable "Information situation control"; 54% agreed. Therefore, aside from those functional areas indicating strong agreement (ammunition, chemical and Other), and those functional areas providing strong disagreement (PSS and O/C), the overall attitudes expressed by the respondents concerning their ability to appropriately control their situations from information provided by the CSSTSS simulation was split.

INFORMATION SITUATION CONTROL					
QUESTION 22	STRONGLY DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	STRONGLY AGREE	FUNCTION TOTAL
FUNCTIONAL AREA					
AMMUNITION			3	4	7
ENGINEER			1	1	2
CHEMICAL			6	3	16
MAINTENANCE	2	3	4	3	16
POL	6	3	3	2	12
CIVIL MIL OPS	1	3	1	2	8
MEDICAL	1	6	3	2	29
TRANSPORTATION	1	1	1	1	2
SIGNAL			1		2
MP/CID			1		6
PSS	1	1	3	2	16
SUPPLY	2	4	2	1	4
OTHER			2	1	3
O/C	1	1	1		124
TOTAL RESPONSE	12	21	33	29	100.0%
PERCENTAGE	9.7%	16.9%	26.6%	23.4%	
CLASSIFICATION OF RANK					
FIELD GRADE	5	9	11	13	31
COMPANY GRADE	5	10	14	12	33
WO			1		1
NCO	2	2	7	4	12
TOTAL RESPONSE	12	21	33	29	124
PERCENTAGE	9.7%	16.9%	26.6%	23.4%	100.0%
COMPONENT					
ACTIVE	2	9	21	15	65
RESERVE	5	10	11	9	42
GUARD	5	2	1	3	12
TOTAL RESPONSE	12	21	33	29	124
PERCENTAGE	9.7%	16.9%	26.6%	23.4%	100.0%

AGREE DISAGREE NEUTRAL

Active Ammunition Company Grade Civil Mil Ops
Chemical Guard Medical Engineer
Field Grade O/C MP/CID
Maintenance POL Signal
NCO PSS
Other
Reserve
Supply
Transportation
WO

TABLE 3-38
QUESTION NUMBER 23

The responses for the variable "Accurate data produced" ranged from strongly disagree to strongly agree. There were 119 valid responses, with 14 missing values. The average response was somewhat agree; the modal response was also somewhat agree. PSS and POL were the only functional areas to indicate majority disagreement with the statement (80% and 60% respectively). Signal possessed the only 100% level with all respondents in agreement with the statement. Ammunition was also strong with an agreement level of 86%. Other functional areas with majority agreement level scores were: maintenance (73%), civil military ops (64%), medical (57%), transportation (62%) and O/C (75%). Engineer, chemical, MP/CID, supply and Other posted zero sum scores. All rank classification categories indicated agreement with the statement, as well as by component (field grade, 61%; company grade, 57%; WO, 100% (1 respondent); active, 56%; reserve, 63%; guard, 59%). Despite the fact that blocking variables by classification of rank and component all posted agreement level majority responses, the percentages were low, from 56% to 63% agreement (this excludes WO since the only response was agreement). Overall, 41% of the respondents disagreed with the variable "Accurate data produced"; 59% agreed. Since there was more agreement level response than disagreement level response, although not very strong in most cases, the general attitudes expressed by the respondents indicated that the data produced by CSSTSS was accurate (aside from POL and PSS).

FUNCTIONAL AREA	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	FUNCTION TOTAL
AMMUNITION		1	4	2	7
ENGINEER					0
CHEMICAL		1		1	2
MAINTENANCE		4	7	4	15
POL	3	2	1	3	15
CIVIL MIL OPS		4	6	1	11
MEDICAL		1	2	2	7
TRANSPORTATION		4	9	7	20
SIGNAL			1	1	2
MP/CID			1		2
PSS	2	2	1		5
SUPPLY	1	3	6	2	16
OTHER		2	2		4
O/C		1	3		4
TOTAL RESPONSE	6	10	43	25	119
PERCENTAGE	5.0%	8.4%	36.1%	21.0%	100.0%

CLASSIFICATION OF RANK	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE	1	3	17	9	46
COMPANY GRADE	4	5	18	12	53
WO			1		1
NCO	1	2	7	4	12
TOTAL RESPONSE	6	10	43	25	119
PERCENTAGE	5.0%	8.4%	36.1%	21.0%	100.0%

COMPONENT	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE	2	6	24	11	62
RESERVE	1	4	13	10	40
GUARD	3		6	4	17
TOTAL RESPONSE	6	10	43	25	119
PERCENTAGE	5.0%	8.4%	36.1%	21.0%	100.0%

AGREE DISAGREE NEUTRAL

Active POL Chemical

Ammunition PSS Engineer

Civil Mil Ops Company Grade MP/CID

Field Grade Guard Other

Maintenance Medical Supply

NCO

O/C

Reserve

Signal

Transportation

WO

TABLE 3-39
QUESTION NUMBER 24

The responses for the variable "Execution procedures not present" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 119 valid responses to this variable, with 14 missing values. The average response for this variable was somewhat agree; the modal response was also somewhat agree. The only 2 functional areas in disagreement with this question were medical (75%) and transportation (52%). Engineer, chemical and supply were zero sum neutral. The following functional areas were in agreement with the variable (indicating dissatisfaction with the manner in which wartime procedures were replicated): ammunition (57%), maintenance (53%), POL (57%), civil military ops (90%), signal (100%), MP/CID (100%), PSS (83%), Other (75%) and O/C (75%). Civil military ops, signal, MP/CID and PSS posted strong percentages that indicated great dissatisfaction with execution procedures. Field (58%) and company (58%) grade officers along with NCOs (61%) posted low to medium levels of dissatisfaction (ranging from 58 to 61 percent). The WO respondent indicated disagreement with the statement as well. All respondents based on component (active, 56%; reserve, 63%; guard, 53%) indicated low to medium levels of dissatisfaction with the statement (ranging from 53 to 63 percent). Although the bulk of grouped respondents indicated dissatisfaction with execution procedures, many of the majorities were low. Overall, 42% of the respondents disagreed with the variable "Execution procedures not present; 58% agreed. Therefore, the respondents indicated that the procedures that affected the execution of their functional area were not present in CSSTSS. Medical and transportation indicated disagreement with the question, with medical fairly strongly against and transportation nearly split.

EXECUTION PROCEDURES NOT PRESENT					ACREE					DISAGREE					NEUTRAL					
QUESTION 24	STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT ACREE	STRONGLY ACREE	FUNCTIONAL AREA	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
FUNCTIONAL AREA																				
AMMUNITION																				
ENGINEER																				
CHEMICAL																				
MAINTENANCE																				
POL.																				
CIVIL MIL OPS																				
MEDICAL																				
TRANSPORTATION																				
SIGNAL																				
MP/CID																				
PSS																				
SUPPLY																				
OTHER																				
O/C																				
TOTAL RESPONSE					5	15	30	36	27	6	TOTAL RESPONSE					119				
PERCENTAGE					4.2%	12.6%	25.2%	30.3%	22.7%	5.0%	PERCENTAGE					100.0%				

CLASSIFICATION OF RANK					ACREE					DISAGREE					NEUTRAL					
QUESTION 24	STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT ACREE	STRONGLY ACREE	CLASS TOTAL	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
CLASSIFICATION OF RANK																				
FIELD GRADE																				
COMPANY GRADE																				
WO																				
NCO																				
TOTAL RESPONSE					5	15	30	36	27	6	TOTAL RESPONSE					119				
PERCENTAGE					4.2%	12.6%	25.2%	30.3%	22.7%	5.0%	PERCENTAGE					100.0%				

COMPONENT					ACREE					DISAGREE					NEUTRAL					
QUESTION 24	STRONGLY DISAGREE	SOMETHAT DISAGREE	SOMETHAT ACREE	STRONGLY ACREE	COMP TOTAL	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
COMPONENT																				
ACTIVE																				
RESERVE																				
GUARD																				
TOTAL RESPONSE					5	15	30	36	27	6	TOTAL RESPONSE					119				
PERCENTAGE					4.2%	12.6%	25.2%	30.3%	22.7%	5.0%	PERCENTAGE					100.0%				

TABLE 3-40
QUESTION NUMBER 25

REPORT FIDELITY EXCESSIVE						
QUESTION 25	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL
FUNCTIONAL AREA						
AMMUNITION		2	4	1		7
ENGINEER						0
CHEMICAL		1	1			2
MAINTENANCE		8	6	1	1	16
POL	2	3	4	1	2	14
CIVIL MIL OPS		2	3	2		9
MEDICAL	1	2	3			8
TRANSPORTATION	3	13	9	1	1	28
SIGNAL		1	1			2
MP/CID			1		1	2
PSS		2	3			5
SUPPLY	3	3	4	4	2	16
OTHER			3	1		4
QC			4			4
TOTAL RESPONSE	9	38	50	9	6	118
PERCENTAGE	7.6%	32.2%	42.4%	7.6%	5.1%	100.0%

CLASSIFICATION OF BAK						
CLASSIFICATION	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE	5	14	20	2	4	46
COMPANY GRADE	3	18	23	4	1	53
WO		1				1
NCO	1	3	8	3	1	15
TOTAL RESPONSE	9	38	50	9	6	118
PERCENTAGE	7.6%	32.2%	42.4%	7.6%	5.1%	100.0%

COMPONENT						
COMPONENT	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE	1	21	31	3	3	64
RESERVE	3	13	15	3		37
GUARD	5	4	4	1	3	17
TOTAL RESPONSE	9	38	50	9	6	118
PERCENTAGE	7.6%	32.2%	42.4%	7.6%	5.1%	100.0%

The responses for the variable "Report fidelity excessive" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 118 valid responses, with 15 missing values. The average response for this variable was somewhat disagree; the modal response was also somewhat disagree. There were no response groups indicating a majority of agreement for this variable. The following functional areas posted 100% disagreement: chemical, medical, signal, PSS and O/C. Other functional areas in agreement with the statement include: ammunition (86%), maintenance (88%), POL (79%), civil military ops (78%), transportation (86%), supply (56%) and Other (75%). Engineer and MP/CID posted zero sum scores for this variable. Excluding the WO category, the range of agreement for classification of rank and component groupings was 74% to 85% (field grade, 85%; company grade, 83%; WO, 100%; active, 83%; reserve, 84%; guard, 76%). Overall, 82% of the respondents disagreed with the variable "Report fidelity excessive"; 18% agreed. Therefore, based on the majority of responses, the number of reports available in CSSTSS was not excessive in comparison to real-world expectations.

AGREE	DISAGREE	NEUTRAL
	Active	Engineer
	Ammunition	MP/CID
	Chemical	
	Civil Mil Ops	
	Company Grade	
	Field Grade	
	Guard	
	Maintenance	
	Medical	
	NCO	
	O/C	
	Other	
	POL	
	PSS	
	Reserve	
	Signal	
	Supply	
	Transportation	
	WO	

TABLE 3-41
QUESTION NUMBER 26

The responses for the variable "Tactical fidelity present" ranged from strongly disagree to strongly agree. There were 119 valid responses, with 14 missing values. The average response was somewhat disagree; the modal response was also somewhat disagree. The following functional areas were in agreement with the statement, those were: ammunition (57%), civil military ops (67%) and Other (100%). There was a higher percentage of respondents that disagreed with the statement, which were: maintenance (53%), POL (80%), transportation (66%), signal (100%), PSS (83%), and supply (56%). POL, signal, and PSS posted strong levels of disagreement. This variable contained many zero sum scores as well: engineer, chemical medical, MP/CID and O/C. Field and company grade officers disagreed with the statement (57% and 65% respectively), but WO and NCO respondents agreed that tactical realism was present (100% and 58% respectively). Active and guard respondents indicated disagreement (64% and 59% respectively), while reserve (53%) component respondents indicated agreement. Overall, 58% of the respondents disagreed with the variable "Tactical fidelity present"; 42% agreed. Therefore, based on the attitudes expressed by the respondents, it would appear that overall, CSSTSS did not help respondents influence the tactics within their particular functional area as they would during wartime to a very high degree, aside from the functional area indicating strong agreement (Other, 100%), or lower levels of agreement (ammunition, 57%; civil military ops, 67%). Many functional areas were split or nearly split (engineer, chemical, medical, MP/CID, O/C, ammunition, maintenance, supply, field grade officers, NCOs, reserve and guard; all between 50% and 60% in either direction).

TACTICAL FIDELITY PRESENT												
QUESTION 26												
FUNCTIONAL AREA												
FUNCTIONAL AREA	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTIONAL TOTAL					
AMMUNITION		1	2		2		7					
ENGINEER							0					
CHEMICAL	1				1		2					
MAINTENANCE		3	3	3	1	1	15					
POL	4	4	4	2	1		15					
CIVIL MIL OPS		1	2	3	3		9					
MEDICAL	1	1	2	2	2		8					
TRANSPORTATION	4	9	6	3	4	3	29					
SIGNAL			2				2					
MP/CID			1		1		2					
PSS	3	1	1	1			6					
SUPPLY	4	2	3	4	3		16					
OTHER				1	2	1	4					
O/C		2		1	1		4					
TOTAL RESPONSE	17	24	28	24	21	5	119					
PERCENTAGE	14.3%	20.2%	23.5%	20.2%	17.6%	4.2%	100.0%					
CLASSIFICATION OF BUNK												
CLASSIFICATION OF BUNK	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL					
FIELD GRADE	7	10	10	6	10	2	47					
COMPANY GRADE	8	13	13	10	7	1	52					
WO					1	1	1					
NCO	2	1	3	6	3	2	12					
TOTAL RESPONSE	17	24	28	24	21	5	119					
PERCENTAGE	14.3%	20.2%	23.5%	20.2%	17.6%	4.2%	100.0%					
COMPONENT												
COMPONENT	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL					
ACTIVE	7	14	28	6	13	2	64					
RESERVE	3	8	7	13	6	1	38					
GUARD	7	2	1	3	2	2	12					
TOTAL RESPONSE	17	24	28	24	21	5	119					
PERCENTAGE	14.3%	20.2%	23.5%	20.2%	17.6%	4.2%	100.0%					

AGREE	DISAGREE	NEUTRAL
Ammunition	Active	Chemical
Civil Mil Ops	Company Grade	Engineer
NCO	Field Grade	Medical
Other	Guard	MP/CID
Reserve	Maintenance	O/C
WO	POL	
	PSS	
	Signal	
	Supply	
	Transportation	

QUESTION NUMBER 27

[illegible]

The responses for the variable "Function doctrinally represented" ranged from strongly disagree to strongly agree. There were 121 valid responses, with 12 missing values. The average score was somewhat disagree; the modal score was somewhat agree. The response for this variable resulted in 50% agreement and 50% disagreement. There were 5 functional areas in agreement (maintenance, 56%; medical, 78%; signal, 100%; MP/CID, 100%; supply, 69%) and 5 functional areas in disagreement (ammunition, 57%; POL, 71%; civil military ops, 55%; transportation, 54%; PSS, 100%). 4 functional areas were zero sum neutral, these were: engineer, chemical, Other and O/C. Field grade officers were in agreement (54%); but, company grade officers were in disagreement (60%). NCOs posted a 68% level of agreement. Reserve (58%) and guard (53%) component respondents were in agreement; active component respondents were in disagreement (55%). Overall, 50% of the respondents disagreed with the variable "Function doctrinally represented"; 50% agreed. Based on the attitudes expressed, response was split overall for the question "CSSTSS realistically replicated my functional area from a doctrinal standpoint." PSS and POL posted strong levels of disagreement, which should be noted. Also, signal and MP/CID posted 100% levels of agreement. Many blocking variables were between 50% and 60% in either direction: engineer, chemical, Other, O/C, ammunition, maintenance, civil military ops, transportation, field grade officers, company grade officers, active, reserve and guard.

CLASSIFICATION	STRONGLY DISABLER			SOMETHAT DISABLER			SOMETHAT ACRES			STRONGLY ACRES			CLASS TOTAL
	4	5	13	15	10	1	15	10	1	48			
FIELD GRADE	8	9	15	15	6		15	6		53			
TWO							1			1			
WOOD	2	3	1	10	3		10	3		12			
TOTAL RESPONSE	14	17	29	41	19		41	19		121			
PERCENTAGE	11.6%	14.0%	24.0%	33.9%	15.7%		33.9%	15.7%		100.0%			

COMPONENT	STRONGLY DISABLER			SOMETHAT DISABLER			SOMETHAT ACRES			STRONGLY ACRES			COMP TOTAL
	9	11	15	12	6	1	20	9	40	1	64		
ACTIVE	2	3	12	16	6	1	16	6			40		
RESERVE	3	3	2	5	4		5	4			12		
GUANO	14	17	29	41	19		41	19			121		
TOTAL RESPONSE	14	17	29	41	19		41	19			121		
PERCENTAGE	11.6%	14.0%	24.0%	33.9%	15.7%		33.9%	15.7%			100.0%		

<u>AGREE</u>	<u>DISAGREE</u>	<u>NEUTRAL</u>
Field Grade	Active	Chemical
Guard	Ammunition	Engineer
Maintenance	Civil Mil Ops	OC
Medical	Company Grade	Other
MP/CID	POL	
NCO	PSS	
Reserve	Transportation	
Signal		
Supply		
WO		

TABLE 3-43
QUESTION NUMBER 28

STATUS OF FORCES DOCTRINALLY CORRECT				
QUESTION 28	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	STRONGLY AGREE
FUNCTIONAL AREA				
AMMUNITION	1	2	1	3
ENGINEER				
CHEMICAL			1	1
MAINTENANCE	1	1	6	1
POL	3	2	4	4
CIVIL MIL OPS		4	2	3
MEDICAL		1	6	1
TRANSPORTATION	1	5	12	3
SIGNAL			1	1
MP/CID	1		1	
PSS	2	1	1	
SUPPLY		1	4	6
OTHER		1	2	
QC		2	2	
TOTAL RESPONSE	9	16	43	23
PERCENTAGE	8.0%	14.3%	38.4%	20.5%

CLASSIFICATION OF RANK				
QUESTION 28	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	STRONGLY AGREE
CLASSIFICATION OF RANK				
FIELD GRADE	3	9	18	11
COMPANY GRADE	7	3	16	9
WO			1	
NCO		4	8	3
TOTAL RESPONSE	9	16	43	23
PERCENTAGE	8.0%	14.3%	38.4%	20.5%

COMPONENT				
QUESTION 28	STRONGLY DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	STRONGLY AGREE
COMPONENT				
ACTIVE	6	4	25	13
RESERVE	2	9	12	8
GUARD	1	3	6	2
TOTAL RESPONSE	9	16	43	23
PERCENTAGE	8.0%	14.3%	38.4%	20.5%

The responses for the variable "Status of forces doctrinally correct" ranged from strongly disagree to strongly agree. There were 112 valid responses for this variable, with 21 missing values. The average response for this variable was somewhat agree; the modal response was also somewhat agree. The only functional area to indicate disagreement with the statement was PSS (80%). Chemical and signal both posted 100% agreement levels. The other functional areas ranged in agreement from 54% (maintenance) to 78% (medical) and included: ammunition (57%), POL (62%), civil military ops (56%), transportation (59%), supply (63%) and Other (67%). Engineer, MP/CID and O/C possessed zero sum scores. Based on classification of rank, all grouped respondents posted majority agreement scores (field grade, 64%; company grade, 53%; WO, 100%; NCO, 65%). Active and reserve components indicated agreement (63% and 58% respectively); while the guard provided a zero sum score. Overall, 40% of the respondents disagreed with the variable "Status of forces doctrinally correct"; 60% agreed. Therefore, it was inferred by the overall response that the information about the status of forces was doctrinally correct for supporting the mission, aside from PSS.

AGREE	DISAGREE	NEUTRAL
Active	PSS	Engineer
Ammunition		Guard
Chemical		MP/CID
Civil Mil Ops		QC
Company Grade		
Field Grade		
Maintenance		
Medical		
NCO		
Other		
POL		
Reserve		
Signal		
Supply		
Transportation		
WO		

TABLE 3-44
QUESTION NUMBER 29

The response for the variable "CSSTSS not realistic" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 119 valid responses, with 14 missing values. The average response for this variable was somewhat agree; the modal response was somewhat disagree. There were 6 functional areas that fell into each category. Those functional areas in agreement were ammunition, 57%; chemical, 100%; POL, 62%; civil military ops, 70%; signal, 100%; PSS, 83%. Strong functional area indicators were chemical and signal, which posted 100% agreement levels, and PSS which also posted a very strong level of dissatisfaction. Those functional areas in disagreement with the statement were: maintenance, 56%; medical, 56%; transportation, 64%; MP/CID, 100%; supply, 56%; Other, 100%. MP/CID and Other each posted 100% level of satisfaction (disagreement). Engineer and O/C provided zero sum scores. Field grade (52%) and WO's (100%) provided agreement, while company grade (54%) and NCO's (56%) provided disagreement with the statement. Active (52%) and guard (59%) component respondents were in disagreement, while reserve (54%) component respondents were in agreement. All majority percentages based on the variable ranged in the 50s. Overall, 51% of the respondents disagreed with the variable "CSSTSS not realistic"; 49% agreed. Although the overall response was split for the question concerning whether CSSTSS is not realistic of the conditions in this functional area, some functional areas provided strong agreement (chemical, civil military ops, signal and PSS); and, several functional areas provided strong disagreement (MP/CID and Other).

AGREE DISAGREE NEUTRAL

Ammunition Active Engineer
Chemical Company Grade O/C
Civil Mil Ops Guard
Field Grade Maintenance
POL Medical
PSS MP/CID
Reserve NCO
Signal Other
WO Supply
Transportation

QUESTION 29	FUNCTIONAL AREA	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL
	AMMUNITION		3		2		2	7
	ENGINEER							0
	CHEMICAL			6	2			2
	MAINTENANCE		3		4	2	1	16
	POL		2	3	2	6		13
	CIVIL MIL OPS		1	2	3	2		10
	MEDICAL	1	2	2	2	2		9
	TRANSPORTATION		4	14	6	3	1	28
	SIGNAL				1	1		2
	MP/CID			2				2
	PSS			1		1	4	6
	SUPPLY	1	2	6	2	1	4	16
	OTHER		3	1				4
	O/C			2	1	1		4
	TOTAL RESPONSE	2	20	39	27	19	12	119
	PERCENTAGE	1.7%	16.8%	32.8%	22.7%	16.0%	10.1%	100.0%

CLASSIFICATION OF RANK	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE	1	6	16	10	11	4	48
COMPANY GRADE	1	10	17	11	7	6	52
WO				1			1
NCO		4	6	3	1	2	16
TOTAL RESPONSE	2	20	39	27	19	12	119
PERCENTAGE	1.7%	16.8%	32.8%	22.7%	16.0%	10.1%	100.0%

COMPONENT	STRONGLY DISAGREE	DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE	1	11	22	16	8	7	65
RESERVE		7	10	10	8	2	37
GUARD	1	2	7	1	3	3	17
TOTAL RESPONSE	2	20	39	27	19	12	119
PERCENTAGE	1.7%	16.8%	32.8%	22.7%	16.0%	10.1%	100.0%

TABLE 3-45
QUESTION NUMBER 30

The responses for the variable "Prior training not useful" ranged from strongly disagree to strongly agree. Since this question asks the respondent to agree or disagree with a statement negative to CSSTSS, a disagreement in this case should be viewed as a pro CSSTSS response. There were 106 valid responses, with 27 missing values. The average response for this variable was somewhat disagree; the modal response was also somewhat disagree. No grouped response category possessed a majority score falling into the agreement category. 7 of the 11 functional areas falling into the disagree category posted 70% or higher scores. Signal and MP/CID both posted 100% scores. Strong indicators of disagreement were: ammunition (80%), maintenance (75%), POL (86%), medical (71%) and supply (80%). Other functional areas that posted lower majority levels of agreement were: civil military ops (56%), transportation (63%), Other (67%) and O/C (67%). Engineer, chemical and PSS provided zero sum scores. Based on classification of rank and component, all majority respondent scores fell into the disagree category (field grade, 70%; company grade, 67%; WO, 100%; NCO, 83%; active, 70%; reserve, 77%; guard, 67%). Overall, 72% of the respondents disagreed with the variable "Prior training not useful"; 28% agreed. Therefore, based on the attitudes expressed by the survey participants, it was clear that even with prior CSSTSS training, it was not difficult to use the system. The question arose concerning the fact that since the respondents mostly disagreed with the question, did that mean that they thought CSSTSS was useful, or did they mean that prior CSSTSS training was unnecessary? Since the response to the previous question concerning prior CSSTSS training being inadequate (72% of the respondents agreed), and since the previous question pertaining to CSSTSS's ease of operation netted strong agreement (75% of the respondents agreed), the respondents ignored the part of the question about prior training and focused on the difficulty to use the system.

PRIOR TRAINING NOT USEFUL						
QUESTION 30	STRONGLY DISAGREE	DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	AGREE	STRONGLY AGREE
FUNCTIONAL AREA						
AMMUNITION	1		3		1	5
ENGINEER						0
CHEMICAL		1		1		2
MAINTENANCE	4	6	2	1	3	16
POL	5	4	3	1		14
CIVIL MIL OPS			3	2	1	9
MEDICAL	2	1	2	1	1	7
TRANSPORTATION	4	7	4	6	3	24
SIGNAL			2			2
MP/CID			2			2
PSS	1		1		2	4
SUPPLY		6	6	2	1	15
OTHER		2				3
O/C			2	1		3
TOTAL RESPONSE	17	27	32	16	11	106
PERCENTAGE	16.0%	25.5%	30.2%	15.1%	10.4%	100.0%
CLASSIFICATION OF RANK						
FIELD GRADE	6	9	16	8	3	44
COMPANY GRADE	6	12	11	6	7	43
WO	1					1
NCO	4	6	5	3	1	18
TOTAL RESPONSE	17	27	32	16	11	106
PERCENTAGE	16.0%	25.5%	30.2%	15.1%	10.4%	100.0%
COMPONENT						
ACTIVE	6	17	16	9	7	56
RESERVE	8	7	12	4	2	35
GUARD	3	3	4	3	2	15
TOTAL RESPONSE	17	27	32	16	11	106
PERCENTAGE	16.0%	25.5%	30.2%	15.1%	10.4%	100.0%

Active
Ammunition
Civil Mil Ops
Company Grade
Field Grade
Guard
Maintenance
Medical
MP/CID
NCO
O/C
Other
POL
Reserve
Signal
Supply
Transportation
WO

TABLE 3-46
QUESTION NUMBER 31

CSSTSS TRAINING APPROPRIATE				FUNCTION	
QUESTION 31	STRONGLY DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	AGREE	STRONGLY AGREE
FUNCTIONAL AREA					
AMMUNITION	1	1	3		5
ENGINEER					0
CHEMICAL			1	1	2
MAINTENANCE	2	4	2	3	16
POL	3	3	1	2	15
CIVIL MIL OPS	3	2	2	2	9
MEDICAL	2	3	1	2	8
TRANSPORTATION	4	9	2	6	26
SIGNAL	1	1			2
MP/CID			1		2
PSS	1	2	1	1	5
SUPPLY	3	1	3	3	14
OTHER	2		1	1	4
O/C	1		2	1	4
TOTAL RESPONSE	25	26	19	21	112
PERCENTAGE	22.3%	23.2%	17.0%	18.8%	100.0%

CLASSIFICATION				CLASS	
QUESTION 31	STRONGLY DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	AGREE	STRONGLY AGREE
CLASSIFICATION					
FIELD GRADE	9	11	8	10	1
COMPANY GRADE	14	12	9	6	2
WO				1	1
NCO	2	3	2	5	2
TOTAL RESPONSE	25	26	19	21	112
PERCENTAGE	22.3%	23.2%	17.0%	18.8%	100.0%

COMPONENT				COMP	
QUESTION 31	STRONGLY DISAGREE	SOMEWWHAT DISAGREE	SOMEWWHAT AGREE	AGREE	STRONGLY AGREE
COMPONENT					
ACTIVE	14	16	10	9	1
RESERVE	6	6	5	11	3
GUARD	5	4	4	1	1
TOTAL RESPONSE	25	26	19	21	112
PERCENTAGE	22.3%	23.2%	17.0%	18.8%	100.0%

The responses for the variable "CSSTSS training appropriate" ranged from strongly disagree to strongly agree. There were 112 valid responses, with 21 missing values. The average response for this variable was somewhat disagree; the modal response was disagree. The only functional area to agree with the statement was POL (53%). Ammunition and signal posted 100% disagreement scores. Other functional areas posting levels of disagreement were: civil military ops (78%), medical (75%), transportation (58%), PSS (80%), supply (64%) and O/C (75%). Engineer, chemical maintenance, MP/CID and Other all posted zero sum neutral scores. Field (62%) and company (71%) grade officers disagreed with the statement, while WO (100%) and NCO (59%) respondents agreed. 81% of the guard respondents indicated disagreement. 67% of the active component respondents also indicated disagreement. 53% of the reserve component respondents indicated agreement. Overall, 62.5% of the respondents disagreed with the variable "CSSTSS training appropriate"; 37.5% agreed. Based on the attitudes expressed by the respondents, the training received to use CSSTSS was not appropriate (aside from POL). This tracks with the response for the previous question pertaining to CSSTSS training being inadequate (question number 7). The blocking variable NCO posted the highest level of agreement (59%) for variables with more than one respondent. Both POL and NCO respondents agreed that CSSTSS training was inadequate in question 7.

AGREE	DISAGREE	NEUTRAL
NCO	Active	Chemical
POL	Ammunition	Engineer
Reserve	Civil Mil Ops	Maintenance
WO	Company Grade	MP/CID
	Field Grade	Other
	Guard	
	Medical	
	O/C	
	PSS	
	Signal	
	Supply	
	Transportation	

TABLE 3-47
QUESTION NUMBER 32

The responses for the variable "Workload fidelity present" ranged from strongly disagree to strongly agree. The were 122 valid responses, with 11 missing values. The average response for this variable was Disagree; the modal response was strongly disagree. MP/CID was the only grouped variable that indicated agreement (100%) with the statement. Signal and PSS posted 100% disagreement levels. Maintenance (81%), POL (80%) and supply (88%) posted majority disagreement scores. Other functional areas with lower majority disagree scores were: ammunition (57%), medical (78%), transportation (76%) and O/C (75%). Engineer, chemical, civil military ops and Other possessed zero sum scores. Field (76%) and company (77%) grade officers, WO (100%) and NCOs (63%) were all in majority disagreement with the statement. The same was said for respondents grouped by component (disagreement: active, 80%; reserve, 63%; guard, 82%). For the majority of respondents, it would appear that realistic workload conditions were not present. Overall, 75% of the respondents disagreed with the variable "Workload fidelity present"; 25% agreed. Therefore, based on the attitudes expressed by the survey participants, during FP/LEX, the workload was not similar to that expected during wartime. MP/CID being the only exception.

WORKLOAD FIDELITY PRESENT					FUNCTIONAL AREA		FUNCTION TOTAL	
QUESTION 32					FUNCTIONAL AREA		FUNCTION TOTAL	
					STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	STRONGLY AGREE
					3	1	3	7
					1			0
					3	4	1	2
					10	1	3	16
					1	3	5	15
					1	3	1	10
					12	3	1	9
					1	2	4	29
					1	1	2	2
					3	1	2	6
					7	1	1	16
					2		1	4
					2	1	1	4
					50	23	16	122
					41.0%	18.9%	13.1%	100.0%

CLASSIFICATION OF BANK					CLASS TOTAL	
					STRONGLY DISAGREE	STRONGLY AGREE
					16	3
					29	33
					1	1
					3	12
					50	122
					41.0%	100.0%

COMPONENT					COMP TOTAL	
					STRONGLY DISAGREE	STRONGLY AGREE
					20	45
					10	40
					10	12
					20	122
					41.0%	100.0%

AGREE	DISAGREE	NEUTRAL
MP/CID	Active	Chemical
	Ammunition	Civil Mil Ops
	Company Grade	Engineer
	Field Grade	Other
	Guard	
	Maintenance	
	Medical	
	NCO	
	O/C	
	POL	
	PSS	
	Reserve	
	Signal	
	Supply	
	Transportation	
	WO	

TABLE 3-48
QUESTION NUMBER 33

The responses for the variable "Training objectives helped" ranged from strongly disagree to strongly agree. There were 120 valid responses, with 13 missing values. The average response for the variable was somewhat agree; the modal response was also somewhat agree. PSS and POL disagreed with the statement ((83% and 67% respectively), the rest of the functional areas indicated agreement with the statement (ammunition, 86%; chemical, 100%; maintenance, 57%; civil military ops, 64%; medical, 88%; transportation, 69%; supply, 63%; Other, 75%; and O/C, 75%). Engineer, signal and MP/CID provided zero sum scores. Field and company grade officers and the WO agreed that training objectives were met (74%, 55% and 100% respectively). The NCOs, on the other hand, disagreed with 53% of the respondents. Based on active (62%), reserve (65%) and guard (53%) components, the majority of respondents believed that training objectives were met. Overall, 38% of the respondents disagreed with the variable "Training objectives helped"; 62% agreed. Based on the attitudes expressed by the survey participants, the CSSTSS system helped in meeting the training objectives for the respondents particular functional area. Notable exceptions were PSS (who strongly disagreed) and POL (who moderately disagreed). NCO respondents disagreed but to a lower extent (53%).

TRAINING OBJECTIVES HELPED					AGREE			DISAGREE			NEUTRAL		
QUESTION 33	STRONGLY DISAGREE	DISAGREE	SOMewhat DISAGREE	SOMewhat AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL						
FUNCTIONAL AREA													
AMMUNITION			1	4	2		7						
ENGINEER							0						
CHEMICAL				1	1		2						
MAINTENANCE	1	1	4	4	4		14						
POL	3	4	3	2	3		15						
CIVIL MIL OPS	2	2		3	2		11						
MEDICAL		1		4	2	1	8						
TRANSPORTATION		4	3	11	6	3	29						
SIGNAL			1	1			2						
MP/CID			1	1			2						
PSS	3	2		1			6						
SUPPLY	2	2	2	3	3		16						
OTHER			1	1	2		4						
O/C			1	1	2		4						
TOTAL RESPONSE	11	16	19	41	29	4	120						
PERCENTAGE	9.2%	13.3%	15.8%	34.2%	24.2%	3.3%	100.0%						
CLASSIFICATION OF RANK													
FIELD GRADE	4	5	3	20	14	1	47						
COMPANY GRADE	5	9	10	18	10	1	53						
WO					1		1						
NCO	2	2	6	3	4	2	19						
TOTAL RESPONSE	11	16	19	41	29	4	120						
PERCENTAGE	9.2%	13.3%	15.8%	34.2%	24.2%	3.3%	100.0%						
COMPONENT													
ACTIVE	5	7	12	24	13		61						
RESERVE	4	6	4	14	10	2	40						
GUARD	2	3	3	3	4	2	17						
TOTAL RESPONSE	11	16	19	41	29	4	120						
PERCENTAGE	9.2%	13.3%	15.8%	34.2%	24.2%	3.3%	100.0%						

TABLE 3-49
QUESTION NUMBER 34

INFORMATION SITUATION MONITOR

QUESTION 34	FUNCTIONAL AREA	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	FUNCTION TOTAL
	AMMUNITION		1	4	2		7
	ENGINEER						0
	CHEMICAL				1	1	2
	MAINTENANCE	1	2	6	4	2	16
	POL	2	1	3	7	1	15
	CIVIL MIL OPS	3	2	2	2		10
	MEDICAL		2	4		2	8
	TRANSPORTATION		4	13	7	2	26
	SIGNAL		2				2
	MP/CID			2			2
	PSS	1	1	3			6
	SUPPLY	1	1	7	4	2	16
	OTHER		1	1	1		4
	QC			3	1		5
	TOTAL RESPONSE	8	11	48	29	10	121
	PERCENTAGE	6.6%	9.1%	39.7%	24.0%	8.3%	100.0%

CLASSIFICATION OF RANK	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	CLASS TOTAL
FIELD GRADE	3	2	24	10	5	44
COMPANY GRADE	4	7	19	12	3	53
WO				1		1
NCO	1	2	5	6	2	12
TOTAL RESPONSE	8	11	48	29	10	121
PERCENTAGE	6.6%	9.1%	39.7%	24.0%	8.3%	100.0%

COMPONENT	STRONGLY DISAGREE	SOMEWHAT DISAGREE	SOMEWHAT AGREE	AGREE	STRONGLY AGREE	COMP TOTAL
ACTIVE	3	4	28	14	3	65
RESERVE	5	5	11	11	5	39
GUARD		2	9	4	2	12
TOTAL RESPONSE	8	11	48	29	10	121
PERCENTAGE	6.6%	9.1%	39.7%	24.0%	8.3%	100.0%

The responses for the variable "Information situation monitor" ranged from strongly disagree to strongly agree. There were 121 valid responses, with 12 missing values. The average response for this variable was somewhat agree; the modal response was also somewhat agree. Chemical, MP/CID and O/C all posted 100% agreement levels. Functional areas exhibiting majority agreement levels were: ammunition (86%), maintenance (75%), POL (73%), medical (75%), transportation (76%) and supply(81%). Civil military ops and signal (60% and 100% respectively) were in disagreement with the statement. Engineer, PSS and Other reflected zero sum scores. Based on classification of rank and component, all grouped respondents posted majority agreement scores (field grade, 81%; company grade, 64%; WO, 100%; NCO, 68%; active, 69%; reserve, 69%; guard, 88%). Overall, 28% of the respondents disagreed with the variable "Information situation monitor"; 72% agreed. Based on the responses of the survey participants, respondents were able to monitor situations during FPLEX using the information provided by CSSTSS. Notable exceptions were: civil military ops and signal.

AGREE	DISAGREE	NEUTRAL
Active	Civil Mil Ops	Engineer
Ammunition	Signal	Other
Chemical		PSS
Company Grade		
Field Grade		
Guard		
Maintenance		
Medical		
MP/CID		
NCO		
O/C		
POL		
Reserve		
Supply		
Transportation		
WO		

3.2.3 Cross Tabulation Analysis. Tables 3-16 through 3-49 contains the results of the Cross Tabulation analysis (a matrix that groups one variable by another). Each table contained three Cross Tabulation matrices: response by Functional area, response by Classification of Rank, and response by Component. Also included on each table was a text description of that particular question and associated response. Grouping based on majority level of opinion was captured at the bottom right of each table. The functional areas, in this case, were grouped by majority opinion (i.e., if 75% of a functional area agreed with the question, they would fall in the Agree category. This is a modal representation of the response.

3.2.4 CSSTSS Data Base. The data base used for the statistical analysis is provided in Appendix C.

3.2.5 CSSTSS Statistical Results. The results of the SPSS generated output (Cross Tabulations, Factor Analyses and Frequency Analyses) from the statistical analysis are provided in Appendix D.

3.3 STATISTICAL ANALYSIS. Three principle tests were used to analyze the data base. These were: Cross Tabulation, Frequency Analysis and Factor Analysis.

3.3.1 Cross Tabulation. This test was run on the respondents, using the following blocking variables: Functional Area, Classification of Rank and Component. Cross tabulation created a matrix that broke out the responses of particular respondent categories. In order to reduce the break out of responses, all respondents were scored by either Agree (having a majority of scores fall in the agree category), Disagree (having a majority of scores fall in the disagree category), or neutral (having the same number of agree and disagree scores). These break outs were included in Tables 3-16 through 3-49. The results of the Cross Tabulation analysis was summarized in Table 1 and is contained in the Executive Summary portion of the report.

3.3.1.1 Functional Areas. Fourteen functional areas were used for the analysis: Ammunition, Engineer, Chemical, Maintenance, POL, Civil-Military Ops, Medical, Transportation, Signal, MP/CID, PSS, Supply, Other and O/C. The functional area indicating the most satisfaction (agreeing with questions favorable to CSSTSS and disagreeing with questions negative to CSSTSS) was Other (88%). This functional area contained four respondents who did not fit into any other functional area category. Chemical also had a high satisfaction ratio of 88%.

MP/CID and Supply each scored 81% satisfaction ratios. Maintenance, Ammunition, Transportation and Medical scored satisfaction ratios in the 70s. Signal (68%) and Civil-Military Ops (65%) scored lower levels of satisfaction. The O/Cs scored a 48% satisfaction ratio, indicating they were mostly dissatisfied with CSSTSS. It is important to note that since there were only four O/C respondents included in the analysis, a broad comparison between the four O/Cs and the 129 players would not be meaningful. POL scored a 45% satisfaction ratio (indicating an overall dissatisfaction); Engineer scored a 40% satisfaction ratio, again indicating overall dissatisfaction with CSSTSS. PSS provided the lowest level of satisfaction, indicating only 13% of the replies were favorable to CSSTSS. Tables 3-16 through 3-49 provide more detail with regard to cross tabulation test results.

3.3.1.2 Classification of Rank. Military ranks were grouped into four categories: O-4s and above were identified as Field Grade; O-1s through O-3s were identified as Company Grade; Warrants Officers were identified as WO; and Non-Commissioned Officers were identified as NCOs. Based on classification of rank, NCOs scored the highest satisfaction ratio, responding favorably to 76% of the questions. Field grade officer satisfaction was 74% and WO 71%, respectively. Company grade officers reflected a satisfaction ratio level of 64 percent. The mean ratio for classification of rank was higher than the mean ratio for functional area since there were far fewer neutral scores for this area.

3.3.1.3 Component. Respondents were aggregated by Active, Reserve and Guard components. The reserve scored the highest satisfaction ratio with 85 percent. Active scored 76% with the Guard scoring to 59 percent.

3.3.2 Factor Analysis. A Factor Analysis was conducted on the data sets in order to determine variable groupings. Based on the Principle Components method, using Varimax rotation, ten underlying groupings, or factors were determined. 83% of the total variance was covered using the following ten factors: Realistic and Useful Training Tool; Distribution/Redistribution Procedures and Design; Familiarization Training with CSSTSS; Accurate Information to Monitor/Control Situations; System Easy to use and Reports Timely and Standardized; Events were Chronologically Correct; Information Unavailability; Information and Workload Realistic; and Accurate Information and Procedures (see Tables 3-6 through 3-15).

3.3.2.1 Table 3-6. This factor captured the following variables: CSSTSS Not Realistic; Excellent Trainer; Training Objectives Helped; Little Training Value; Function Doctrinally Represented; Replicates Wartime Procedures; Training Objectives Met; Tactical Fidelity Present; Realistic Doctrinal Representation; and Status of Forces Doctrinally Correct. There was a strong correlation between the variables Excellent Trainer and Little Training Value. For the most part, the respondents that agreed with the variable Excellent Trainer disagreed with the variable Little Training Value. This indicated that most respondents were consistent with their response. There were strong indications that CSSTSS provided training utility, based on the variables Training Objectives Helped and Training Objectives Met. Aside from a few changed scores, the majority of respondents agreeing with one variable agreed with the other indicating that there was consistency in the responses. PSS and engineer functional areas consistently indicated dissatisfaction with CSSTSS being a realistic and useful training tool.

3.3.2.2 Table 3-7. The table entitled Distribution/Redistribution Procedures and Doctrine captured the variables Resource Distribution Appropriate; Request Procedures Appropriate; Functional Area Interface Correct; and, Replicated Airland Battle Doctrine. PSS, Guard and medical all disagreed with the variables Resource Distribution Appropriate and Request Procedures Appropriate. Additionally, Guard reflected a low degree of satisfaction with the system (59% satisfaction). Active component respondents provided agreement with all variables under this factor.

3.3.2.3 Table 3-8. This table, entitled Familiarization Training with CSSTSS, captured the variables CSSTSS Training Appropriate and Prior CSSTSS Training Inadequate, indicated that CSSTSS familiarization training provided prior to the exercise was poor. The variable Prior CSSTSS Training Inadequate reflected that nearly all respondents (based on this category) believed that better pre-exercise training on the CSSTSS would be desirable.

3.3.2.4 Table 3-9. Accurate Information to Monitor/Control Situations contained the variables Information Situation Monitor; Information Situation Control; and, Accurate Data Produced. More of the respondents were favorable to situation monitoring, using CSSTSS information, than they were to situation control. Overall, it appeared that respondents were favorable to the information and data that CSSTSS produced.

3.3.2.5 Table 3-10. The table entitled System Easy to Use and Reports Timely and Standardized captured the following variables: Summary Reports Friendly; Reports in Army Standard Format; Prior Training not Useful; Easy to Operate; and, Information Timeliness. O/C respondents were either in disagreement or neutral on all variables under this factor. Most respondents were in agreement with the questions regarding reports. Additionally, most respondents believed that CSSTSS was easy to use. As with the previous factor dealing with prior CSSTSS training, all respondents believed that prior training would be beneficial (reference variable Prior Training not Useful).

3.3.2.6 Table 3-11. This table (Events were Chronologically Correct) captured the variables Appropriate Time Between Events and Appropriate Event Sequencing. The respondents were more favorable toward the question Appropriate Event Sequencing, than for Appropriate Time Between Events. These results might indicate that, although the events were in the right order, there was either too much or too little time between them.

3.3.2.7 Table 3-12. Information Unavailability contained the variables Information Fidelity Not Present - Reports and Information Fidelity Not Present - Situations. Overall, the respondents indicated that information available/contained in CSSTSS did not meet real-world standards reflecting a strong disappointment with regard to real-world expectations.

3.3.2.8 Table 3-13. The table entitled Information and Workload Realistic captured the variables Workload Fidelity Present; Information Overload; and, Spot/Alert Reports Tailorable. Strong disagreement was indicated for Workload Fidelity Present and Information Overload. As with the previous table, respondents did not believe that the information and workload was realistic using the CSSTSS FPLEX scenario.

3.3.2.9 Table 3-14. Accurate Information and Procedures contained the following variables: Execution Procedures Not Present and CSSTSS Information Not Accurate. Strong disfavor was indicated by the respondents with regard to execution procedures. Response was split for the variable CSSTSS Information Not Accurate.

3.3.2.10 Table 3-15. Excessive Number of Reports contained the variable Report Fidelity Excessive. Since no response category agreed with the statement, the number of reports available in CSSTSS was not excessive in comparison to real-world

expectations.

3.3.3 Frequency Analysis. Tables 3-1 through 3-4 depicted the demographic attributes of the respondents. Respondents were broken out by component, major command, subject matter experience, and functional area. Table 3-5 portrays the mean and mode, derived from frequency analysis statistical output.

3.4 FINDINGS

3.4.1 The majority of dissatisfaction with CSSTSS came from functional areas that are not considered "mainstream" CSS. This would include PSS, engineer, and Civil-Military Ops. CSS target audience respondents, such as supply, maintenance, ammunition and transportation, gave CSSTSS higher marks.

3.4.2 The NCO respondents rated CSSTSS higher than did the officer grades. This may indicate that first line supervisors favored CSSTSS more than higher level supervisors and staff officers.

3.4.3 The reserve respondents rated CSSTSS more favorably than did the active component respondents. The other non-active component Guard scored CSSTSS lowest. These results might be interpreted that the Army Reserve has a greater CSS mission than does the Guard.

3.4.4 There was much dissatisfaction with the training received in CSSTSS prior to the exercise. Practically all the respondents across all functional areas believed strongly that increased prior training would be useful (reference variable Prior Training not Useful).

3.4.5 Many of the respondents did not believe that CSSTSS replicated real-world situations. Respondents did not believe that the type of information normally available during real-world situations was provided by the CSSTSS.

3.4.6 Based on Table 3-10 (System Easy to Use and Reports Timely and Standardized), the majority of respondents believed that the system was easy to operate and the reports were easy to use. Additionally, the reports generated by CSSTSS were in accordance with Army Standard Format.

3.4.7 The majority of respondents believed that CSSTSS provided training utility. Additionally, the majority of respondents believed that CSSTSS helped them meet training

objectives.

3.4.8 The Respondents who agreed with CSSTSS providing appropriate time between events, also agreed that CSSTSS provided appropriate event sequencing (with the exception of MP/CID). More respondent categories agreed there was appropriate event sequencing versus not appropriate time between events. This finding may require future CSSTSS updates to address the problem of appropriate time between correct event sequencing.

3.4.9 Based on information related variables, it appeared that most of the respondents believed that the timeliness of information was appropriate in CSSTSS to support the training exercise. O/C respondents, on the other hand, provided disagreement scores with several information related questions. With regard to information accuracy, the Signal and PSS functional areas strongly believed that CSSTSS did not produce correct data, while Engineer, Medical and Other believed it did. Responses from other functional areas were inconclusive.

3.4.10 Most of the respondents reflected a strong belief (covering most functional areas and all break outs by rank and component) that there wasn't an information overload. Neither were the numbers of reports excessive compared to real-world situations. Therefore, it would appear that the majority of the respondents believed not having too much information equated to not having enough.

3.4.11 It would appear that the respondents believed that the interface between functional areas was doctrinally correct for their particular functional area. As with many questions, PSS provided the lone exception.

3.4.12 Based on the attitudes expressed by the respondents, it would appear that overall, CSSTSS did not help respondents influence the tactics within their particular functional area as compared to implementing tactics in actual exercises or wartime conditions.

SECTION 4.0

TRAINING EFFECTIVENESS ANALYSIS

4.1 PURPOSE AND SCOPE. The Training Effectiveness Analysis (TEA) examined the subjective comments pertaining to CSSTSS training that were provided on the last page of the Validation Surveys. The comments were extracted and aggregated by functional area, by component (active versus Army Reserve/National Guard), and by Observer/Controller (O/C) versus player.

4.2 ASSUMPTIONS. The following assumptions were used as guidelines for the TEA:

(a) Comments pertaining to the training utility were taken at face value without regard to the surveyee's grade or experience with the exception of the O/Cs.

(b) Subjective comments were aggregated without distinction to organization or chronological sequence.

4.3 TRAINING EFFECTIVENESS COMMENTS BY FUNCTIONAL AREA. Table 4-1 contains a listing of the number of Validation Surveys containing comments on the training effectiveness of the CSSTSS broken down by functional area. Appendix E contains the entire list of subjective comments extracted from the validation surveys. The subjective comments concerning training effectiveness have been broken down into constructive and negative comments for ease of extraction by functional managers. Comments that were applicable to all functional areas are listed at the end of the functional area section.

4.3.1 Ammunition. This functional area had excellent representation in the TEA. This grade was based on both the number and quality of the responses.

4.3.1.1 Constructive Comments

- This system could mirror the functions associated with the Ammunition Distribution system if the players are trained to use it prior to starting the play. Using it to emulate Standard Army Ammunition System (SAAS) is

Table 4 - 1

SURVEY RESPONSES BY FUNCTIONAL AREA FOR TEA

<u>FUNCTIONAL AREA</u>	<u>n</u>	<u>TEA</u>	<u>FUNCTIONAL AREA</u>	<u>n</u>	<u>TEA</u>
• Ammunition	7	6	• Signal	2	2
• Engineer	3	0	• MP/CID	2	0
• Chemical	2	2	• Personnel Service Support ¹	7	5
• Maintenance	16	11	• Supply ²	17	9
• POL	17	6	• Observer/Controller	4	4
• Civil Mil Opns	14	5	• Other	4	3
• Medical	9	8	Total:	133	83
• Transportation	29	22			

1 Includes Chaplain, JAG and PAO

2 Includes Field Services, Graves Registration and Water Supply

good for everyone. More reports should be available for the Corps level play to be realistic. For example, a complete round report would help Corps Support Battalion's (CSB's) know precisely what assets it's company has on the ground.

- The lift capability constraint for the ammunition units was not hard and fast. There was no flag or penalty for overloading an ammunition storage site with missions. This lack of constraining enforcement allowed players to solve problems in ways that would not really work. Recommendation: It should be a relatively simple thing to program a Cap or perhaps a penalty into the problem in response to player actions.
- The CSSTSS should be part of the school's training program. CSSTSS takes the decision making ability away from the Corps Materiel Management Center (CMMC) Munitions Managers. It in essence does their job for them.
- Overall, Force Projection Logistics Exercise (FPLEX) is a good exercise that provides excellent training in the management of logistics on a very large scale. Some of the mechanics of the exercise need work. In particular, ammunition management has gone through a series of changes and is about to experience changes in support doctrine. Recommendation: Future exercises should concentrate on testing and/or proving these conventional ammo support concepts.
- CSSTSS is an excellent training tool.

4.3.1.2 Negative Comments

- CMMC personnel received no real training benefit. CSSTSS did not force coordination between the Corps Support Group (CSG) section and Division Ammunition Officer (DAO) - this coordination is the most critical item for the CSG in wartime.

4.3.2 Chemical. This functional area had fair representation based on the limited number of responses. However, the quality

of responses was good.

4.3.2.1 Constructive Comments

- CSSTSS must model chemical units at the platoon and company level to provide realistic training.
- CSSTSS must be able to account for unit level decontamination (without chem unit support) to include Mission Oriented Protective Posture (MOPP) gear exchange and vehicle/equipment decontamination.
- Units need to know their present location each morning to ensure proper planning for the days activity. For example, on several occasions units thought they were in one place and the computer had them at another. Suggest including present location added to DA 6 and morning information.

4.3.2.2 Negative Comments

- There was a problem with personnel accountability at company level when soldiers were admitted to the hospital or evacuated out of Area of Operations. The computer printouts did not match the task organization during the exercise.

4.3.3 Maintenance. This functional area had excellent representation in the TEA based on the ample number of responses plus the depth and breadth of the quality of the responses.

4.3.3.1 Constructive Comments

- CSSTSS has been a good tool in developing my staff's proficiency. Where CSSTSS violated doctrine (e.g., non-use of MSTs; assignment of supported units, etc.) we were still able to replicate the mission and do an OPD on the doctrine. I consider CSSTSS (the whole FPLEX process) a very good forum for leaders to interface, team build, and prepare for a general crisis. The procedures are not exactly the same as the real world but are sufficient for training purposes.
- The computer automates non-RX parts issues and several shop officer procedures. This allows the players to

exercise staff coordination procedures. The Area Support Groups (ASGs) need to have their external SOP's ready before they come to FPLEX so we can have efficient communication between role players staff and ASG staff.

- Would like to be able to get more information on specific jobs within the Direct Support Units (DSU's) and Aviation Intermediate Maintenance (AVIM's) (BN level). Once information is printed out of the system, it seemed to be a problem to send it out again (i.e., the printer was down or the message was missed).
- Understand the training audience is BDE and higher, however, once on line, if the system could be modified down to BN level it may become a better instrument to train staff elements.
- The CSSTSS system needs to be combined with the CBS system. This would provide more realistic CSS play. Combat units would have provided the info to properly stress CSS functions.
- Aviation maintenance scenarios were realistic. The unit was able to initiate the expected and anticipated actions to manage aviation assets. However, follow up reports from the subordinate units concerning required actions did not materialize. Lateral dissemination of aviation safety messages was hard to verify - non contact with players.
- As a valuable trainer for battalions, CSSTSS should be incorporated into an exportable training packet for Maintenance and Supply & Service (S&S) Battalions.
- CSSTSS should allow for utilization of Maintenance Support Teams.
- To use CSSTSS, it is best to have functionally trained officers or senior NCOs as players. However, if one soldier is trained, he/she can work with and train another soldier using the CSSTSS output. Requests and SITREPS need to be added to the system.
- Very helpful in teaching how the computer system worked. Got the answers we needed when we asked - not 20 or 30 minutes later. This would be a good exercise for

Ordnance Officer Basic Course students. Need to integrate the LOGEX into the FPLEX maintenance cell (note: the LOGEX in Aberdeen Proving Ground is a good trainer for my functional area).

- Need to provide minimum list of reference manuals that O/C's need to bring in order to receive maximum training. Since you write the scenarios you should be able to key in on their needs. Don't tell O/C's to choose - unless they have worked this previously, they have no idea what the requirements will be and cannot assist the units. Give the Theater Army Area Command (TAACOM) guidance on areas of interest 6 months prior to attending training exercise.
- We needed more events and more workload.
- Format OK. Printing from the screen was lousy. In most cases it took too much time to get too little information.
- Need to increase work order status inquiry capability so that the entire backlog of jobs in a shop are able to be monitored on the computer. The prints are excellent. The SAMS-2 becomes a dinosaur after a few cycles.
- Minor problems with daily 1352 - aircraft status and flying report (see AR 700-138 for current format).

4.3.3.2 Negative Comments

- Situational messages exercise only the Engineer staffs and did not even reach Corps Support Command (COSCOM) Assistant Chief of Staff for Materiel (ACSMAT)/Materiel Management Center (MMC) level. The system did not efficiently task the functional area at higher (COSCOM/CORPS/TAACOM) level.
 - Cannot see where this system functions as a procedural trainer. Did not have access to the manuals so it could be evaluated.
 - Provide current Modified Table of Organization and Equipment (MTOE) structures for aviation units - some reported structures were completely wrong (i.e., Cav Squadron (AH-1's) does not have 15 AH-64's. They have
-

8 AH-1's). At least make authorized numbers correct. The 101st Air Assault Division does not have UH-1 helicopters in their AH-64 Attack BNs. Please use current MTOE's. See FMs 1-111, 1-112, 1-113, 1-114 for structures.

4.3.4 Petroleum, Oils, and Lubricants (POL). This functional area had fair representation in the TEA. This evaluation was based primarily on the limited number of responses. However, the quality of these responses was very good.

4.3.4.1 Constructive Comments

- CSSTSS training must be done at unit level for effective staff planning training.
- Currently system is too basic. Need some way to load actual MTOE capability into units and adjust this as play progresses.
- Need way to adjust information to conform with that which would actually be used by the unit. System currently provides an exercise standard format which the player can't adjust to serve their needs.
- No gender for personnel and no crosschecking capability.

<u>MOS</u>	<u>AUTH</u>	<u>ASSG</u>	<u>REQ</u>
94B	1	2 ¹	0
77F	33	32	1
TOTAL	34	34	0

Note 1: Should reflect extra personnel

Note 2: Source Auth=Assg, the system does not total the requirements even though there is one.

- Must be able to track all 2406 reportable items on the CSSTSS. Must also be able to teach supplies. The 2406 is the heart - must gear the CSSTSS to have all items of the TOE on the computer.
- Report formats are adequate but inaccurate. For example, 2406 reports do not agree with Ullage as

material on hand does not support Ullage report. CSSTSS does not adequately reflect TOE assets of units.

- CSSTSS is not focused enough since information and requirement for fuel should directly correspond to unit input. Computer worked too much magic in this area.
- TOE transportation assets of POL supply companies should be included into CSSTSS as well as the use of 50K bags for storage.
- Not knowledgeable in my area. Initially very inflexible as problems identified. Became more cooperative with time.
- There needs to be more response on a "real time" basis. Several times I would order POL in excess of 1 million gallons and it would miraculously appear one hour later.
- The rating scale should include a "non-applicable" column.
- CSSTSS conceptual framework should be restructured to adapt to tasks not incorporated in the METL but are important to the commander.

4.3.4.2 Negative Comments

- CSSTSS possesses excellent potential, however, it is not doctrinally correct. Pipeline fill should not be automatic. Water play must be more realistic.
- Over the 8 day exercise, we received two fuel missions. Our fuel was moved, but not by us. It's too easy for higher HQ to skip the chain using this system.
- CSSTSS does not provide adequate control of fuel stocks computed and draws off fuel without requests or receipts. Therefore, no accountability.
- The system does not provide realistic real world training in its current capacity.
- The system should not draw off any fuel, rather it should generate a request into the system for resupply.

4.3.5 Civil-Military Operations. This functional area had fair representation in the TEA based on the limited number of responses. However, the quality of these responses was very good.

4.3.5.1 Constructive Comments

- Computer simulations are excellent if they are flexible and capable of accepting a variety of input.
- Good training method. FPLEX 93 has been exceptionally well received by the Civil Military Operations (CMO) Section staff.
- More Host Nation Support (HNS) problems needed to be played in both Segments I and II. CMO players need to be exposed to the many problems that arise in trying to implement CMO activities. Personnel with real world experience in CMO should be tasked to write adequate quantities and appropriate Master Scenario Events Lists (MSELs) for future FPLEX and CSSTSS generated training.
- Put more Civil Affairs (CA) problems into the play. There is already enough HNS type problems insofar as CMO staff is concerned.
- This is a good idea, especially if it can be done electronically.
- More effort needs to be put into CA training. Here it was largely an afterthought and the results reflected this.
- The TAACOM CMO center utilized its FSOP reports to send status reports vertically and horizontally to other units. The system worked well.

4.3.5.2 Negative Comments

- The system seemed to ignore us. We received one report of personnel which bore no similarity to the truth. A further problem is "being in the net"! We were not.

4.3.6 Medical. This functional area had excellent representation in the TEA based on the ample number and high quality of the responses.

4.3.6.1 Constructive Comments

- Great if you use some maneuver commanders and tie into this systems design. Both segments! The fact that lateral units are present, that vertical units are present, coupled with a common scenario, lends itself to good staff training.
- The system should be further developed as a training aid for STAFF X at home station via Modem from Central Control Point. Overall, CSSTSS is a good training tool but needs refinements (see above).
- Excellent potential capabilities for casualty play at an echelon 3 or 4 medical facility. The addition of triage and emergent medical procedure intervention (chest tube, inhibition, blood and fluid replacement) would greatly enhance the program's utility for medical care providers. The program's medical play of entry of patients into surgery requires real-life decision making by the physicians/nurse. The "austere but adequate" environment of combat casualty care - which is so alien to our civilian decision making is realistically programmed.
- There are problems with some of the unusual command/control relationships used in the medical dept that should be in the system "forward positioned" for helicopters, the ability to use ambulances more than once when sent to a hospital (AAR Med Element 332nd Med Bd, 3rd Medcom) or to send evac assets to a site where there are patients that may not be a Medical Training Facility (MTF).
- Recommend employing O/Cs that were commanders. During future "Group" exercises and future "play" the O/C's should include a Group/BDE past commander for FPLEX '94 or AMEDEX '94. This would be an enhancement and add true value to the observations generated. A "wartime commander" who, if available, would give the commander insightful information and provide the experience factor (i.e., SWA/ODS) and more realism to his or her operations' play. Although doctrinal answers to future conceptual fixes were provided, some great war gaming

and discussions plus some great training for the Commander and staff resulted.

- CSSTSS is an excellent training vehicle. FPLEX did not provide the AMED functional area total potential. Having played AMEDEX using CSSTSS, I think it is the best simulation for training Command Post Exercise (CPX) medical.
- Subordinate hospital staffs would benefit from a staff exercise in coordination with lateral commands. Excellent but still needs improvement to do many things.
- We did not have time enough (of exercise play) to make a judgement about the realism of numbers of casualties presented to our played MTFs. The Naval Reserve players believe this program deserves further scrutiny by our community as a cost-effective trainer and as a real time evaluator of MTF medical operational readiness. We wish it could become operational as well as in a mobilization situation.
- Very good as a basic tool for CSSTSS staff and would be better if there is really fuel decrements and more realistic personnel decrements especially in EAC units in their reconstitution role.
- Needs work with regard to connectivity with CENTCOM/ ARCENT and US Air Force Evacuation cell. Most reporting is analogous to normal Army format. LOGSTAT/PERSTAT in particular adequate content without spoon-feeding. Some DA Form 2406/2407 abnormalities front side/back side (could be typos).
- The reports should be reformatted to mirror more closely Theater Army Medical Management Information System (TAMIS) and the reporting system of higher Headquarters.
- Reports could be in a more realistic format (just like a 2406) and should include the 1352 on aircraft and not a slightly similar apparatus. Report should be a specific menu so that the print screen mode is not wasting space/paper trying to pull off information that does not come to the unit on a roll-up.

4.3.6.2 Negative Comments

- No training provided prior to or during the FPLEX.
- Reports were poor. Needs a sort and ad hoc reporting capability.

4.3.7 Transportation. This functional area had excellent representation in the TEA based on the ample number and high quality of the responses.

4.3.7.1 Constructive Comments

- There should be more of an effort to have a complete Movement Control Team (MCT) participate as opposed to individuals acting as MCTs.
 - It adequately met my needs as a trainer, CSSTSS needs to generate more CAM reports throughout the day and not just once in the morning.
 - The concept of CSSTSS is solid and the program has most of the ideas necessary for movement control. For example, a Movement Control Battalion (MCB) cannot move its MCTs and assets to better support the play and is not realistic!
 - It was very helpful in the procedure area because this is the first time our unit has had real world training as a MCT. Using the CSSTSS was a very good training experience for us to learn the flow of the paperwork we must accomplish in real situations. We were able to see how most units, our level operate and recognize and solve problems. With the MCT's and our tasking BN's in the same room, we were able to work out problems without the normal communication problems.
 - Need to give more information on doctrinal background and paper/organizational flow. Suggestion: Give units several hours of class on transportation procedures in TA/computer operational system.
 - Procedural trainer must be tailored to the user with overview of other functional transportation areas.
-

- It would be nice to know more about the report before coming to this exercise. It could have been better if we would have come to the area we were going to work in, rather than being somewhere else and coming here the day before the exercise started. We would have been able to use reports better.
- CSSTSS should have a higher resolution for tracking classes of supplies. DS/GS level does not tax the participant to think of and requisition specific logistic needs, which in fact would be a major task for an S-4.
- The procedural trainers were very well versed in CSSTSS procedures. Initial guidance on procedures were clear, concise and very specific. All expected difficulties in procedures were discussed prior to STARTEX. Good job.
- The CSSTSS provided realistic training in working with transportation movement documents along with the personal interdiction with various levels of movement control managers. The ADP system along with the soldier's disposition of the ADP input/out and personal coordination provides an excellent training tool.
- The procedural trainer works well if the number of MCTs are reduced and more player units from the tasked BN are there. Also, recommend that all convoys that pass through your area must receive prior clearance.
- The role of a Trans BN (MC) has not been clearly defined. During this exercise we performed the duties/responsibilities of a MCC in the TA. We were expected to coordinate transportation movements throughout the TA with several MCT's assigned to the MCB's. There were numerous reports required that had to be altered to report accurate information to the Movement Control Activity (MCA). There were no train-up prior to the STARTEX, we received none of the documents used in this exercise.
- The 318th Theater Army Movement Control Activity (TAMCA) gained much experience by seeing its MCB and MCT really using the transportation system as it should. However,

CSSTSS does take away from the TAMCA part of its mission. CSSTSS wrote the Movement Program. However, the TAMCA has that responsibility and CSSTSS could not in my opinion write the Movement Program over an extended period of time.

- Transportation BNs/MCTs need to be task organized/located according to doctrine, not by exercise.
 - A 100% increase in training is required. How does the computer generate reports?, when do they arrive?, relationship between cells are questions that need answers.
 - The observer/controller did a very good job in assisting the transportation cell. However, CSSTSS provides only a limited use as a trainer for this functional area.
 - CSSTSS works well to a point. Due to missing information on movements of aircraft (i.e., arrival times, due outs, # of passengers, equipment types, departure information, mission #'s, type of aircraft, and Unit Line Numbers), it was hard to get the entire process taught in its entirety (also no TPFDL).
 - CSSTSS was an excellent trainer for us because this unit has very limited experience prior to this exercise. There was a lot of repetition required of MCT's (referring to registers which had to be kept).
 - CSSTSS can be used in a training module as follows:
 - (a) To move cargo from A to B with real world situations.
 - (b) For example, to allow space for Stow/Cube with allowable space for having different cargo (Class I/Class III).
 - Transportation data base should be expanded to include unprogrammed moves that effect transportation assets and issues. These issues should be allowed to develop and scenarios created. Programs should allow for computer and human decisions based on minute to minute developments. Transportation action issues are dynamic and ever changing and this issue should be the prime
-

mover in future programming.

- CSSTSS was very helpful. We would never have gotten anything done without someone guiding us in the right direction. This made the training in an MCT good in that you can now see what we are supposed to do.
- The framework for an excellent training tool is in place in the Force Reception Onward Movement (FROM) module of CSSTSS. The data input to the system was deficient. MTMC and MSC must interface with the transportation input personnel to ensure all players are in concert. The model needs more flexibility in the capability of Materiel Handling Equipment (MHE) for discharge of vessels. Players should be required to justify how much their units can discharge based on types of vessels, MHE, tactical situation, etc. MTMC should also provide Stow plans so terminal BN's have to plan how they would discharge a ship and what berth they would use.
- The controller was extremely knowledgeable, provided excellent guidance in working with CSSTSS system. However, I got the impression that I should have already had knowledge or should have been trained. CSSTSS trainer was extremely patient.
- The Operations Section (S-3) received real world training in moving cargo. Their training could have been enhanced by increased levels of enemy interdiction on supply routes. If possible, the ADP system should include performance degradation factors to account for drivers operating at various MOPP levels. The S-1 and S-4 sections received very little game play. TTPs were not exercised. S-2 received very little.
- Excellent trainer for tracking supporting units, unit personnel reports, unit equipment and status.
- I understand that this exercise was not necessarily meant to be a training exercise for the MCT's but with a few modifications it could have been (i.e., make sure all MCTs have assets other than host nation to task).
- At home station, the MCA was not able to provide the

necessary guidance nor did they know what they should do. The information flow from higher to lower was non-existent. I am most interested in ascertaining what the mission is for a MCB (what reference(s) are available that specifically identify the tasks, ARTEP, and areas of concern. The 450th TC BN (MC) was activated 15 Sept 91. As of this date there is no ARTEP.

- The FROM module was incorporated for the first time this year into CSSTSS. It has many weaknesses, however, it did provide the opportunity for Terminal Service units to participate. In the future, with expansion, the FROM module will be an excellent trainer for terminal Battalion staffs.
- Reports were adequate. However, the distribution of the reports is wrong! There should be same access at every level of the chain - not just computer printouts at some levels.
- This needs to be in "synch" with standard SOP. Use the forms of the current log systems.
- CSSTSS is an excellent information provider based upon reporting format and content. CSSTSS is a good resource, however, within the context of this exercise it did not provide the complete staff training and demands that a commander would use to prepare a Battalion staff for its wartime mission.
- CSSTSS is not yet what it needs to be. You can not fix the reporting system until the information necessary is uploaded into the play.
- CSSTSS worked well for this. It was very helpful and good training to be able to pull up information on the computer any time it was needed.
- Units and controlling agents should be able to call up a menu of reports that provide vital information on transportation asset issues (STON's moved, etc.) This menu should be tailored to the lowest level MST's and highest levels of command.

- The reporting format is great. The content/data input needs more attention. The MTOE's used must be current. The cargo manifests for the ships given to the Players from MTMC must match what is in CSSTSS. "GIGO" was prevalent for terminal operations for this exercise. The "Plan" for the FROM module is very good, just need good data to execute.
- Reporting format was unclear, as far as internal concerns. There didn't appear to be a standard format for what reports were due and when, but reports were turned in daily. Role players and companies appeared to have even less format of the daily reports required, however, the CSSTSS generated good daily reports.
- Cargo awaiting shipment document provided by supported MCT provided nucleus information such as: TCN and TMR numbers which when used with transportation request allowed tracking cargo to its destination. The ADP system allowed access to several reports providing excellent C₂ of Battalion operations. Perstaff reports did not reflect changes due to MIA/KIA losses
- Use of computer driven DA 2406's which were distributed daily were an excellent training aid.
- The only report we regularly received was the cargo awaiting movement report and it was adequate. One thing I would suggest is to have each column defined somewhere. This would make it initially easier to figure out.
- It would have been easier to adapt to the exercise situation if exercise Oplans/information had been disseminated prior to STARTEX. No member of the ARCOM or BN was invited to attend any of the IPR's (therefore no input from our unit was used). Reports should reflect those that are currently in the system. Soldiers learn by doing. The FPLEX forms did not work in many instances.

4.3.7.2 Negative Comments

- The CSSTSS does not provide the staff with an accurate

model of how ADP is used in operation at any level. The CSSTSS does not allow for task organization (i.e., "splitting the flag") based upon mission.

- As a procedural trainer, CSSTSS did not provide the procedures that affect the execution of this functional area.
- CSSTSS needs much more work. Procedures not very realistic especially reporting procedures, and data retrieval.
- CSSTSS could be very valuable in teaching procedures - however, in our case it was not as we did not have a truck BN - had we had a truck BN the procedures would have seemed more clearly defined.
- The CSSTSS does provide scenarios to drive the decision making procedure. It does not allow for doctrinal implementation of decisions.

4.3.8 Signal. This functional area had poor representation in the TEA based on only two responses. However, the quality of these responses was adequate.

4.3.8.1 Constructive Comments

- There aren't any simulators that can adequately portray communication procedures/systems. Of all the systems or functions to model, Signal is the most difficult. To realistically portray communication degradation because of inadequate or inappropriate staff procedure is extremely difficult. By degrading communications systems, you can tell the Corps that systems have been degraded by X amount, however, they'll continue to play.
- CSSTSS is just as good a system as any for training staff in procedures and troop leading skills. Its as realistic as a commander wants it to be.
- The MSELs and situation messages engaged the unit to begin the process of staff coordination and interactions with other agencies.

4.3.9 Personnel Service Support (PSS). This functional area had fair representation in the TEA based on the fact that there were five responses with substantial comments.

4.3.9.1 Constructive Comments

- The only interaction finance had with CSSTSS was in the form of maintenance and manning rosters. There was not enough finance play to allow me to make useful comments.
- CSSTSS could be very valuable in the areas of PSS if it was modified.
- JAG play should involve aspects in addition to legal play, i.e., arranging transportation for a claims team, or arranging replacements for personnel KIA. Units should be encouraged to bring their JAG elements. Absence of player units hampered the exercise.

4.3.9.2 Negative Comments

- I received no training in CSSTSS. I was briefed on its capabilities but that was all.
- The CSSTSS does not accurately reflect PSS functions or reports. Additionally, CSSTSS does not allow for realistic PSS play.
- CSSTSS is not very useful for training the Public Affairs functional area. Press Camp HQ did receive good, valuable training during FPLEX but more as a result of regular PA missions they would normally receive than CSSTSS.
- Inadequate for PSS play. CSSTSS needs to reflect and include all the capabilities of Tactical Army Command and Control System (TACCS) and SIDPERS.

4.3.10 Supply. This functional area had excellent representation in the TEA based on the ample number and breadth and depth of the quality of the responses.

4.3.10.1 Constructive Comments

- As a trainer for procedures it was outstanding. It

helped me learn how transportation above the division level works and how highway management is managed.

- Good training in DA 2406, Pers Stat reporting and accountability. Class I, II, III, IV, VII and IX reporting and accountability as relates to BN staff functions.
- CSSTSS gave the CMMC the opportunity to use AMC, TAACOM, and the CSGs in order to receive necessary information to perform integrated supply and maintenance management.
- The trainer for my functional area (s) need to make themselves aware of the organizational structure of the units represented. A prime example was COSCOM, which was restructured two years ago eliminating ACSMAT, leaving no Logistics Operations (LOGOPS). The O/C's had to regroup in the manner situations were monitored.
- Field Services need to be included in CSSTSS. Some of supply classes were also needed to be included in CSSTSS.
- Higher resolution programs should be used which reflect reality. We must be able to split units also. Example: RTFL deadlined equals less ammo/supplies that can be up/down loaded. Trucks deadlined means less movement. Current program can be improved by using more detailed simulations, and having better DISCOM/Div staffs.
- The realism of the computer exercise replicated my relationship with higher levels fairly well. However, the problems that you would have with subordinate units did not exist.
- No water supply information/play in system, therefore inadequate training in their area. No mission training.
- In the Supply and Services area events of MSELs that occurred on CSSTSS did not always affect all the areas they realistically would. For example, 20% of all Class I rations destroyed at DSU, however, next morning report for rations showed no destroyed meals. Another example,

one (1) Water Purification Unit destroyed and another in DS maintenance but unit's water production capability was not degraded. Another example, KIA rate was unrealistically high - 5th Special Forces Group - operating in the Communications Zone (COMMZ) received 58% KIAs with no explanation as to why - 470 green berets killed in the rear area of operations is double the number of marines killed in the Beirut Barracks bombing. Lack of a DSU's ability to provide bulk POL to customers had no degrading affect on supported units' mission capability.

- The reporting format was not suitable for a CMMC. The only item provided for supply management was the transaction register. The CMMC needs total asset visibility of all classes of supply in order to manage, crosslevel, requisition, and identify future logistic problems.
- The reports and content format were well tailored according to doctrine. However, if players are not familiar with the reports or can't interpret them correctly then tasks and situations become a challenge.
- Information retrieval was satisfactory. This portion did not reflect JP-8. Counts did not match between SAMS and 2406.
- Format and content of information - fair. Pers Stat had no totals and didn't identify KIA, WIA, etc.

4.3.10.2 Negative Comments

- As a result of day-to-day contact with unit players, very little or no training was provided as to procedures, reporting and functions for FPLEX. A large number of the players were thrown in at the last minute, and not aware of what was going on. This made reports and doctrine procedures difficult.
- Supported units cannot pass requests to the General Support Unit (GSU). Daily element sheets (Material Adjustments, MCR Combat Replacements, etc.) were useless. The CSSTSS did not support the tactical

situation.

- The CSSTSS system processed most of the work, so there was really not much "hands on" training.
- DISCOM/Div was not staffed properly so our players learned to assume and play a computer screen. Little reality of talking to higher, lower, supported or lateral units. We received no plans or guidance from our customers to be supported. We could not split units, use forward operating bases, set up MCPs, refuel points/ROMs, etc.
- We as a unit could not process requisitions through the system. The system did not have the capability of passing requisitions from GS to the MMC or Theater.

4.3.11 Military/Criminal Investigation Division (CID). This functional area had poor representation in the TEA based on no responses from two surveys. The quality of these responses was virtually nil.

4.3.12 Other Functional Areas. There were three responses from functional areas outside the major categories previously listed and these comments were considered germane to improving CSSTSS.

4.3.12.1 Constructive Comments

- Would be nice to know what other functional areas were affected as a result of your actions.
- Reporting format should be streamlined to provide only the information you want. For example - Personnel Requirement, you should be able to print the shortage only. This will save time and money.
- Should be able to generate and print any report as opposed to the print screen method. For example, Unit Equipment status - should be able to print and view both sides of the 2406.
- Very good way to train BN staff in a benign environment. Information provided by CSSTSS enabled the staff to analyze data, determine impact on operational events and

either make recommended courses of action or take appropriate actions within the parameters established by myself or our Theater Standard Operating Procedure (TSOP).

- CSSTSS allows the commander to have access to data that he must have in order to advise the ground commander. A useful forum that generates somewhat realistic data that the commander can use to train the staff.
- Data base needs to replicate what the Army is using today. For example, the 1/4 ton vehicle has been out of the active inventory for a number of years but is still reflected in CSSTSS. Conversely, the High Mobility Multipurpose Wheeled Vehicle should be listed but is not.

4.3.13 General Comments Applying to all Functional Areas

- There should be more intensive "up front" training on procedures, reports and operating computer system before STARTEX including mission priorities. Lack of training caused the FPLEX to get off to a slow start. Two days of classes and practical exercises prior to the beginning of the "game" would eliminate confusion and many hours of wasted time.
- It took approximately 2 to 3 days for controllers and players to learn how to work together to accomplish exercise training goals. Controllers and players need to work together to achieve accomplishment of the training objectives for the player units. Recommendation: This should be a part of the pre-exercise training program for O/Cs.
- CSSTSS provides the functional area user an ideal tool to use in teaching procedures, for real-world and automated simulation, however, it needs to be updated.
- There should have been some type of briefing before this FPLEX started to give you some idea what we are doing or what your role will be once it get's started. We were like robots at a machine (computer). Each day there should have been information given as well as received.

- If the players and units are not set up doctrinally, then proper procedures will not be utilized. More time needs to be devoted to prepare the player on using the system (i.e., either sent information package to unit home station prior to their deployment to FPLEX).

4.4 NEGATIVE TRAINING INDICATORS. Comments pertaining to negative training indicators are summarized below. Negative training transfer could occur if training devices/simulators such as CSSTSS do not teach the necessary skills or if bad habits were learned by "playing the game" thereby adversely affecting job performance. These negative training comments are in addition to the negative comments previously listed for each functional area.

4.4.1 Maintenance

- Reports that came in response to a MSEL did not match up to other reports. Example: System reported so many killed and so many wounded; however, the personnel status report the following day reflected something different.

4.4.2 Supply

- The Standard Army Intermediate Logistics System (SAILS) ABX (DS4) is not the current system used by the CMMC at Ft. Bragg. Ft. Bragg is using SARRS-O. We should be able to train as we fight. Many soldiers were not familiar with SAILS and we received no training prior to the start of the exercise.
 - A lot of the functional side was not real-world and could have been very confusing if you did not already have a basic idea of how things function in the "real world".
 - The data on stock status report did not reflect a true status of requisitions submitted during the play.
 - The 2406 never matched the SSMMS 2 print which never matched the computer. The result was confusion in reporting to higher and tasking units.
-

4.4.3 Observer/Controller

- Form format and distribution did not match "real world" system.

4.5 TRAINING EFFECTIVENESS COMMENTS BY RESERVISTS. There were a total of 64 Army Reserve (AR) and National Guard (NG) responses out of the 133 Validation Surveys that were administered or 48 percent. 18 of the responses contained no comments. The 46 AR/NG responses have been broken down into their respective CSSTSS functional areas in Table 4-2.

Table 4-2

AR/NG Responses by Functional Area

Transportation	=	16
Maintenance	=	3
POL	=	9
Supply	=	2
CMO	=	5
Medical	=	5
PSS	=	1
O/C	=	4
Other	=	<u>1</u>
Total	=	46

4.5.1 AR/NG Training Effectiveness Recommendations. Only those comments that are considered unique to AR/NG missions are listed below since paragraph 4.3 contains a comprehensive list of comments by functional area (including all of the AR/NG responses). CSSTSS can be improved if the following recommendations were considered for adoption (functional areas are listed in parentheses):

(a) More time needs to be devoted to prepare the player on using the system. Recommend sending information package, including use of the reports, to the unit's home station prior to their deployment to FPLEX (TRANSPORTATION).

(b) Need to give more information on doctrinal background

and paper/organizational flow. Suggestion: Give players several hours of classroom pre-instructions on transportation procedures in TA/computer operational system. Procedural trainer must be tailored to the user with overview of other functional transportation areas (TRANSPORTATION).

(c) Recommend players have a familiarization period in order to learn player assignments rather than being somewhere else and coming here the day before the exercise started. We would have been able to use reports better (TRANSPORTATION).

(d) Recommend disseminating exercise Oplans/information prior to STARTEX in order to relate to the exercise situation. For example, no member of the ARCOM or BN was invited to attend any of the IPR's (therefore no input from our unit was used). Reports should reflect those that are currently in the system. Soldiers learn by doing. The FPLEX forms did not work in many instances (TRANSPORTATION).

(e) CSSTSS is a valuable trainer for BN's and should be incorporated into an exportable training packet for maintenance and S&S Battalions (MAINTENANCE).

(f) We needed much more training "up front" for this exercise than we received. This caused the exercise to get off to a slow start (CMO).

(g) The system should be further developed as a training aid for STAFF X at home station via Modem from Central Control Point (MEDICAL).

(h) Each day there should have been a formal update of scenario information disseminated and received. Subordinate hospital staffs would benefit from a staff exercise in coordination with lateral commands (MEDICAL).

(i) Recommend a capability within CSSTSS that enables players to know what other functional areas were affected as a result of your actions. Reporting format should be streamlined to provide only the information you want. For example - Personnel Requirement, you should be able to print the shortage only in the interest of time. Players should be able to generate and print any report as opposed to the print screen method. Also, should be able to print and view both sides of

the 2406 (unit equipment status) (OTHER).

4.6 TRAINING EFFECTIVENESS COMMENTS BY OBSERVER/CONTROLLER.

Four responses were submitted by O/C's and their comments are summarized as follows (comments affixed with * have universal application to AR/NG units regardless of functional area):

(a) It would have been beneficial if training on CSSTSS had been provided to the O/C's. The first two days of train-up for O/C's was disappointing. Wasn't sure what to expect from exercise. Bottom line up front in first two days of train-up for O/C's would have helped. Looking forward to seeing this combined with Command and Staff Training (CST).

(b) The CSSTSS training audience and role players needs to know how to massage system, move a unit, request air support, etc. and need better CSSTSS training for a couple of days when mock activities are conducted, then restart.

* (c) Data at beginning of each day needs to match previous day's data. For example, previous balance plus receipts minus issues = new balance. This system shows only new balance. No receipts and issues of Ammo, POL, etc.

* (d) Information at STARTEX was too little too late. Need priorities at STARTEX.

(e) Although very useful and an excellent training tool, CSSTSS still has too many areas that it didn't generate reports that would have exercised the staff. Must have operations (G-3 action) to exercise logistics tail. The transportation functional area was not exercised enough.

4.7 TRAINING EFFECTIVENESS COMMENTS BY GRADE. A total of 83 responses contained TEA comments out of the 133 Validation Surveys. TEA comments provided by officers amounted to 73 out of 113 surveys (40 no comments). TEA comments provided by enlisted personnel amounted to 10 out of 20 surveys (10 no comments). The significant fact is that the preponderance of the enlisted non-responses occurred in the E-7 and below surveys (10 out of 15). Therefore, since 95% of all TEA responses were submitted by grades E-8 and above, no meaningful comparison can be made between the officer versus enlisted grade TEA responses.

4.8 TRAINING EFFECTIVENESS of CSSTSS as an Information Provider (Reporting Format and Content Comments). Although the majority of the comments pertaining to CSSTSS as an information provider were positive, several surveyees recommended that DA Form 2406 - Maintenance Equipment Status Report and Personnel Status reporting/accountability procedures be updated. The comments by functional areas were as follows;

(a) Must track all 2406 reportable items on the CSSTSS. Must also be able to teach supplies. The 2406 is the heart - must gear the CSSTSS to have all items of the TOE on the computer (POL).

(b) Some DA Form 2406/2407 abnormalities occurred on both front and back side (could be typos). Report should be a specific menu so that the print screen mode is not wasting space/paper trying to pull off information that does not come to the unit on a roll-up (MEDICAL).

(c) Counts did not match between SAMS and 2406. The 2406 never matched the SSMMS 2 print which never matched the computer. The result was confusion in reporting to higher and tasking units (SUPPLY).

(d) Use of computer driven DA 2406's which were distributed daily were an excellent training aid (TRANSPORTATION).

APPENDIX A

CSSTSS

ACRONYM LIST

ACSMAT	Assistant Chief of Staff for Materiel
ADP	Automatic Data Processing
AEPCO	Advanced Engineering and Planning Corp.
AMC	Army Materiel Command
AMEDEX	Army Medical Exercise
AO	Area of Operations
ARCENT	Army Central Command
ARCOM	Army Reserve Command
ARTEP	Army Training and Evaluation Program
ASG	Area Support Group
AVIM	Aviation Intermediate Maintenance
BDE	Brigade
BN	Battalion
CA	Civil Affairs
CASCOM	Combined Arms Support Command
C ₂	Command and Control
CENTCOM	U.S. Central Command
CMO	Civil Military Operations
CMMC	Corps Materiel Management Center
COMMZ	Communications Zone
COSCOM	Corps Support Command
CPX	Command Post Exercise
CSB	Corps Support Battalion
CSG	Corps Support Group
CST	Command and Staff Training
CSSTSS	Combat Service Support Training Simulation System
DAO	Division Ammunition Officer
DISCOM	Division Support Command
DS	Direct Support

DSU	Direct Support Unit
DS ⁴	Direct Support Unit Standard Supply System
EAC	Echelons Above Corps
FM	Field Manual
FPLEX	Force Projection Logistics Exercise
FROM	Force Reception Onward Movement
GS	General Support
GSU	General Support Unit
HMMWV	High Mobility Multipurpose Wheeled Vehicle
HNS	Host Nation Support
JAG	Judge Advocate General
KIA	Killed In Action
LOGEX	Logistics Exercise
LOGOPS	Logistics Operations
MCB	Movement Control Battalion
MCC	Movement Control Center
MCT	Movement Control Team
MCP	Movement Control Point
METL	Mission Essential Task List
MHE	Materiel Handling Equipment
MIA	Missing In Action
MMC	Materiel Management Center
MOPP	Mission Oriented Protective Posture
MSB	Main Support Battalion
MSC	Military Sealift Command
MSC	Major Subordinate Command
MSEL	Master Scenario Events List
MST	Maintenance Support Team
MTF	Medical Training Facility
MTMC	Military Traffic Management Command
MTOE	Modified Table of Organization and Equipment

NCO Non-Commissioned Officer
 NSC National Simulation Center

 O/C Observer/Controller
 ODS Operation Desert Storm
 OPD Officer Professional Development

 PA Public Affairs
 POL Petroleum, Oil, and Lubricants
 PSS Personnel Service Support

 ROM Rough Order of Magnitude, Read Only Memory

 SAAS Standard Army Ammunition System
 SAILS Standard Army Intermediate Logistics System
 SAMS Standard Army Maintenance System
 S&S Supply & Service
 SARRS-O Standard Army Retail Supply System - Objective
 SIDPERS Standard Installation/Division Personnel System
 SITREPS Situation Reports
 SOP Standard Operating Procedure
 STARTEX Start of Exercise
 SWA Southwest Asia

 TA Theater Army
 TAACOM Theater Army Area Command
 TACCS Tactical Army Command and Control System
 TAMCA Theater Army Movement Control Activity
 TAMMIS Theater Army Medical Management Information System
 TCN Transportation Control Number
 TDMC Theater Distribution Management Center
 TMR Transportation Movement Request
 TPFDL Time Phased Force Deployment List
 TSOP Theater Standard Operating Procedure

 ULN Unit Line Number

 WIA Wounded In Action
 WPU Water Purification Unit

APPENDIX B
CSSTSS VALIDATION SURVEY

PERI-AO-93-33
MAY 93

DATE: _____

**COMBAT SERVICE SUPPORT TRAINING SIMULATION SYSTEM (CSSTSS)
VALIDATION SURVEY**

PURPOSE: The purpose of this survey is to solicit your opinions regarding the extent to which CSSTSS 1.2 accurately represented "real world" doctrinal processes and procedures during the Force Projection Logistics Exercise (FPLEX).

BACKGROUND: TRADOC Analysis Command (TRAC) is the verification and validation agent for CSSTSS. Part of the validation process is to compare current training methods for CSS functions to those that will be incorporated into CSSTSS 2.0. By doing so, we can determine how well the model's procedures and outputs represent doctrine.

Part I. Background Information.

1. Rank: _____

2. Major Army Command (MACOM) or Organization:

TRADOC _____ TAACOM _____ CENTCOM _____ COSCOM _____

FORSCOM _____ AMC _____ USATRANSCOM _____ DLA _____

USACAPOC _____ USACIDC _____ TUSA _____ ARCENT _____

CASCOM _____ OTHER (Please specify) _____

3. Branch and MOS: _____

4. Are you active, reserve, or national guard? _____ Active _____ Reserve _____ NG

5. Time in Service: _____ Years _____ Months

6. How long have you worked in your current MOS/Functional Area?

_____ Years _____ Months

7. Have you used CSSTSS prior to this exercise? _____ Yes _____ No

Part I. Background Information Continued.

8. Have you participated in prior Logistic Exercises? _____ Yes _____ No

9. If yes, what was your role? _____

10. In which of the functional areas listed below do you qualify as a subject matter expert (SME)? If "Other", please specify.

_____ Ammunition	_____ Engineer	_____ EOD
_____ Chemical (NBC)	_____ Maintenance	_____ POL
_____ Civil Military Opns	_____ Medical	_____ Rear Opns
_____ Transportation	_____ Tactics	_____ Signal
_____ Field Services	_____ MP/CID	_____ Pub Affairs
_____ Graves Registration	_____ Personnel Service Support	
_____ Air Operations	_____ Supply (Specify Class(es))	
_____ Chaplain	_____ Other (Specify)	

11. In which functional area(s) did you serve in FPLEX 93? (Check Only One)

_____ Ammunition	_____ Engineer	_____ EOD
_____ Chemical (NBC)	_____ Maintenance	_____ POL
_____ Civil Military Opns	_____ Medical	_____ Rear Opns
_____ Transportation	_____ Tactics	_____ Signal
_____ Field Services	_____ MP/CID	_____ Pub Affairs
_____ Graves Registration	_____ Personnel Service Support	
_____ Air Operations	_____ Supply (Specify Class(es))	
_____ Chaplain	_____ Other (Specify)	

Part II. Opinion Survey. Functional Area _____

NOTE: Identify the functional area to which this survey pertains.

INSTRUCTIONS: Please respond to the items below as they pertain to the functional area above. Base your response on the performance of CSSTSS during FPLEX. Using the rating scale below, circle a number in the response column which reflects your agreement or disagreement with the statement. Please read each item carefully and circle a response for all items.

	Strongly Disagree 1	Disagree 2	Somewhat Disagree 3	Somewhat Agree 4	Agree 5	Strongly Agree 6
SURVEY STATEMENT	RESPONSE (Circle One)					
1. CSSTSS adequately replicates wartime procedures for this functional area.	1	2	3	4	5	6
2. CSSTSS is easy to operate.	1	2	3	4	5	6
3. The daily reports generated by CSSTSS were formatted using the Army standard.	1	2	3	4	5	6
4. CSSTSS is an excellent trainer for CSS commanders and staffs.	1	2	3	4	5	6
5. CSSTSS has very <u>little training</u> value for this functional area.	1	2	3	4	5	6
6. The format of the spot/alert reports generated from CSSTSS can be tailored.	1	2	3	4	5	6
7. The CSSTSS training I received prior to this exercise <u>was not adequate</u> .	1	2	3	4	5	6
8. From a doctrinal standpoint, this functional area representation was realistic.	1	2	3	4	5	6
9. The sequencing of events was appropriate for this functional area.	1	2	3	4	5	6
10. The time between events was appropriate for this functional area.	1	2	3	4	5	6

Part II. Opinion Survey Continued.

Strongly Disagree 1	Disagree 2	Somewhat Disagree 3	Somewhat Agree 4	Agree 5	Strongly Agree 6			
SURVEY STATEMENT			RESPONSE (Circle One)					
11. The type of information normally available to me during a real-world situation <u>was not available</u> using CSSTSS.			1	2	3	4	5	6
12. The procedures for resource requisitioning were appropriate.			1	2	3	4	5	6
13. The procedures for resource distribution were appropriate.			1	2	3	4	5	6
14. From a tactical standpoint, CSSTSS realistically replicated Airland Battle doctrine.			1	2	3	4	5	6
15. The summary reports generated by CSSTSS were easy to use.			1	2	3	4	5	6
16. The timeliness of information was appropriate in CSSTSS to support the training exercise.			1	2	3	4	5	6
17. Information contained in CSSTSS reports <u>was not accurate</u> when compared to unit level manual reports.			1	2	3	4	5	6
18. There was too much information available from CSSTSS in comparison to real-world information expectations.			1	2	3	4	5	6
19. The interface between functional areas was doctrinally correct for this functional area.			1	2	3	4	5	6
20. Information that is normally contained in real-world reports <u>was not included</u> in CSSTSS reports.			1	2	3	4	5	6
21. The training objectives for this functional area were met during this exercise.			1	2	3	4	5	6

Part II. Opinion Survey Continued.

Strongly Disagree 1	Disagree 2	Somewhat Disagree 3	Somewhat Agree 4	Agree 5	Strongly Agree 6
SURVEY STATEMENT			RESPONSE (Circle One)		
22. My ability to control situations from information provided by CSSTSS was appropriate.			1	2	3 4 5 6
23. The data produced by CSSTSS is accurate.			1	2	3 4 5 6
24. The procedures that affect the execution of this functional area <u>were not present</u> in CSSTSS.			1	2	3 4 5 6
25. The number of reports available in CSSTSS is <u>excessive</u> in comparison to real-world expectations.			1	2	3 4 5 6
26. CSSTSS helped me to influence the tactics within this functional area as I would be able to during wartime.			1	2	3 4 5 6
27. CSSTSS realistically replicated my functional area from a doctrinal standpoint.			1	2	3 4 5 6
28. The information about the status of forces was doctrinally correct for supporting the mission.			1	2	3 4 5 6
29. CSSTSS is <u>not realistic</u> of the conditions in this functional area.			1	2	3 4 5 6
30. Even with prior CSSTSS training, it <u>was difficult</u> to use this system.			1	2	3 4 5 6
31. The training I received to use CSSTSS was appropriate.			1	2	3 4 5 6
32. During FPLEX, the workload was similar to that expected during wartime.			1	2	3 4 5 6
33. The CSSTSS helped in meeting the training objectives for this functional area.			1	2	3 4 5 6
34. I was able to monitor situations during FPLEX using the information provided by CSSTSS.			1	2	3 4 5 6

PART III. General Comments.

INSTRUCTIONS: Please use the space below, and the back of this page if needed, to give us your ideas about the usefulness of CSSTSS as a command and staff trainer. Your ideas are important to us and your comments will be provided to model developers. We are especially interested in your opinions about the usefulness of CSSTSS as a:

(1) Procedural trainer:

(2) Trainer for your functional area:

(3) Information Provider (Reporting format and content):

**PLEASE RETURN COMPLETED SURVEYS TO THE EXERCISE CONTROL CELL,
BLDG 316 AND 1109 OR TRADOC ANALYSIS COMMAND - FORT LEE, ATTN:
ATRC-L (MR. DREW CHERRY), FORT LEE, VIRGINIA 23801-6140.**

APPENDIX C
CSSTSS DATA BASE

	case	date	rank	class	macom	mos	comp
1	1.00	15-JUN-93	MSG	NCO	OTHER	63Z	Guard
2	2.00	16-JUN-93	CPT	Company Grade	TRADOC		Active
3	3.00	16-JUN-93	MAJ	Field Grade	TRADOC	Engr	Active
4	4.00	16-JUN-93	LTC	Field Grade	TRADOC	Engr	Active
5	5.00	16-JUN-93	CPT	Company Grade	TRADOC	Engr	Active
6	6.00	16-JUN-93	MAJ	Field Grade	TRADOC	Signal	Active
7	7.00	16-JUN-93	CPT	Company Grade	TRADOC	Ord	Active
8	8.00	16-JUN-93	CPT	Company Grade	FORSCOM	Q M	Active
9	9.00		MAJ	Field Grade	FORSCOM	Ord	Reserve
10	10.00	16-JUN-93	CPT	Company Grade	CASCOM	Ord	Active
11	11.00	16-JUN-93	CPT	Company Grade	TRADOC	Ord	Active
12	12.00	16-JUN-93	MAJ	Field Grade	CASCOM	Ord	Active
13	13.00	17-JUN-93	MAJ	Field Grade	FORSCOM	Ord	Active
14	14.00	16-JUN-93	LTC	Field Grade	OTHER	JAG	Reserve
15	15.00	16-JUN-93	CPT	Company Grade	FORSCOM	Q M	Active
16	16.00	16-JUN-93	MAJ	Field Grade	COSCOM	Av	Active
17	17.00	16-JUN-93	CPT	Company Grade	TRADOC	Ord	Active
18	18.00	16-JUN-93	CPT	Company Grade	TRADOC	Ord	Active
19	19.00	16-JUN-93	CPT	Company Grade	TRADOC	Ord	Active
20	20.00	16-JUN-93	MAJ	Field Grade	TRADOC	Q M	Active
21	21.00	16-JUN-93	CPT	Company Grade	OTHER	Med	Active
22	22.00	16-JUN-93	MAJ	Field Grade	OTHER	Med	Active
23	23.00	16-JUN-93	LTC	Field Grade	USACAPOC	CA	Reserve
24	24.00	16-JUN-93	COL	Field Grade	USACAPOC	Med	Reserve

	servyear	servmont	funcyear	funcmont	casstsex	logex	role
1	29.00	.	10.00	.	2.00	1.00	Player
2	9.00	.	1.00	.	2.00	1.00	O/C
3	18.00	7.00	16.00	5.00	2.00	2.00	
4	19.00	8.00	16.00	8.00	2.00	2.00	
5	9.00	5.00	9.00	5.00	2.00	1.00	Player
6	18.00	1.00	18.00	1.00	2.00	2.00	
7	10.00	.	10.00	.	2.00	2.00	
8	7.00	1.00	3.00	1.00	2.00	2.00	
9	21.00	.	18.00	1.00	2.00	1.00	O/C
10	10.00	1.00	10.00	1.00	1.00	1.00	O/C
11	10.00	.	10.00	.	2.00	1.00	O/C
12	17.00	.	2.00	.	2.00	1.00	O/C
13	19.00	8.00	16.00	8.00	2.00	2.00	
14	21.00	.	21.00	.	2.00	1.00	O/C
15	11.00	.	4.00	.	2.00	1.00	Player
16	16.00	2.00	15.00	.	2.00	1.00	Player
17	9.00	1.00	5.00	.	2.00	2.00	
18	6.00	1.00	6.00	1.00	2.00	1.00	Player
19	7.00	11.00	7.00	11.00	2.00	1.00	O/C
20	17.00	4.00	2.00	.	1.00	1.00	O/C
21	10.00	11.00	8.00	.	2.00	2.00	
22	13.00	9.00	11.00	9.00	2.00	2.00	
23	15.00	1.00	1.00	6.00	2.00	2.00	
24	14.00	7.00	14.00	7.00	2.00	2.00	

	ammo	cug	eod	chem	maint	pol	ca	med	rear
1	No	No	No	No	Yes	No	No	No	No
2	Yes	No	No	No	No	Yes	No	No	No
3	No	No	No	No	No	No	No	No	Yes
4	No	Yes	No	No	No	No	No	No	No
5	No	Yes	No	No	No	No	No	No	No
6	No	No	No	No	No	No	No	No	No
7	No	No	No	No	Yes	No	No	No	No
8	No	No	No	No	No	Yes	No	No	No
9	No	No	No	No	Yes	No	No	No	No
10	No	No	No	No	Yes	No	No	No	No
11	Yes	No	No	No	No	No	No	No	No
12	No	No	No	No	Yes	No	No	No	No
13	Yes	No	No	No	No	No	No	No	No
14	No	No	No	No	No	No	No	No	No
15	No	No	No	No	No	No	No	No	No
16	No	No	No	No	Yes	No	No	No	No
17	Yes	No	No	No	No	No	No	No	No
18	Yes	No	No	No	No	No	No	No	No
19	Yes	No	Yes	No	No	No	No	No	No
20	No	No	No	No	No	No	No	No	No
21	No	No	No	No	No	No	No	Yes	No
22	No	No	No	No	No	No	No	Yes	No
23	No	No	No	No	No	No	Yes	No	No
24	No	No	No	No	No	No	No	Yes	No

	trans	tacda	signal	fldsvs	rup	pa	graves	pers	airops
1	No	No	No	No	No	No	No	No	No
2	No	Yes	No	No	No	No	No	No	No
3	No	No	No	No	No	No	No	No	No
4	No	No	No	No	No	No	No	No	No
5	No	No	No	No	No	No	No	No	No
6	No	No	Yes	No	No	No	No	No	No
7	No	No	No	No	No	No	No	No	No
8	No	No	No	No	No	No	No	No	No
9	No	No	No	No	No	Yes	No	No	No
10	No	No	No	No	No	No	No	No	No
11	No	No	No	No	No	No	No	No	No
12	No	No	No	No	No	No	No	No	No
13	No	No	No	No	No	No	No	No	No
14	No	No	No	No	No	No	No	No	No
15	No	No	No	No	No	No	No	No	No
16	No	No	No	No	No	No	No	No	Yes
17	No	No	No	No	No	No	No	No	No
18	No	No	No	No	No	No	No	No	No
19	No	No	No	No	No	No	No	No	No
20	No	No	No	Yes	No	No	No	No	No
21	No	No	No	No	No	No	No	No	No
22	No	No	No	No	No	No	No	No	No
23	No	No	No	No	No	No	No	No	No
24	No	No	No	No	No	No	No	No	No

	supply	chap	other	function	pii01	pii02	pii03	pii04
1	No	No	No	Maintenance	Agree	Somewhat Agree	Somewhat Agree	Agree
2	No	No	No	POL	Strongly Disagree		Strongly Disagree	Strongly Disagree
3	No	No	No	Engineer				
4	No	No	No	Engineer	Disagree		Somewhat Agree	
5	No	No	No	Engineer	Disagree		Somewhat Disagree	Somewhat Disagree
6	No	No	No	Signal	Agree	Agree	Agree	Agree
7	No	No	Yes	Maintenance	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree
8	No	No	No	POL	Disagree	Agree		Strongly Agree
9	Yes	No	No	Observer/Controller	Somewhat Disagree	Somewhat Agree	Strongly Disagree	Somewhat Disagree
10	Yes	No	No	Maintenance	Disagree	Agree	Somewhat Agree	Somewhat Agree
11	No	No	No	Ammunition	Somewhat Agree	Agree	Agree	Strongly Agree
12	No	No	No	Maintenance	Somewhat Agree	Strongly Disagree	Agree	Somewhat Agree
13	No	No	No	Ammunition	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
14	No	No	Yes	PSS				
15	Yes	No	No	Supply	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree
16	No	No	No	Other	Somewhat Agree	Somewhat Disagree	Agree	Agree
17	No	No	No	Ammunition	Somewhat Agree	Somewhat Agree	Agree	Agree
18	No	No	No	Ammunition	Somewhat Agree	Strongly Agree	Somewhat Agree	Agree
19	No	No	No	Ammunition	Disagree	Somewhat Disagree	Somewhat Agree	Disagree
20	Yes	No	No	Supply	Agree	Agree	Strongly Agree	Strongly Agree
21	No	No	No	Medical		Strongly Agree	Somewhat Agree	Somewhat Agree
22	Yes	No	No	Medical	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree
23	No	No	Yes	Civil Mil Ops	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
24	No	No	No	Civil Mil Ops	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Agree

	pii05	pii06	pii07	pii08	pii09	pii10	pii11
1	Disagree	Somewhat Agree	Strongly Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
2	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Disagree	Strongly Disagree	Somewhat Disagree
3	.	.	.	.	.	.	.
4	Agree	.	Strongly Agree	Disagree	.	Somewhat Agree	Strongly Agree
5	Somewhat Agree	.	Strongly Agree	Strongly Disagree	Disagree	Disagree	Strongly Agree
6	Disagree	Strongly Agree	Strongly Agree	Strongly Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
7	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Somewhat Agree
8	Strongly Disagree	Strongly Agree	Strongly Agree	Somewhat Disagree	Disagree	Disagree	Somewhat Agree
9	Somewhat Agree	Disagree	Strongly Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree
10	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree	Agree	Agree	Strongly Agree
11	Disagree	Somewhat Agree	Strongly Agree	Somewhat Disagree	Disagree	Disagree	Somewhat Disagree
12	Disagree	Somewhat Agree	Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
13	Disagree	Agree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Agree	Strongly Agree
14	.	.	.	.	.	.	.
15	Somewhat Agree	Agree	Strongly Agree	Agree	Agree	Agree	Strongly Agree
16	Disagree	Disagree	Strongly Agree	Agree	Agree	Somewhat Disagree	Disagree
17	Agree	Somewhat Agree	Strongly Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
18	Disagree	Agree	.	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
19	Strongly Agree	Somewhat Disagree	Agree	Strongly Disagree	Somewhat Agree	Disagree	Somewhat Agree
20	Strongly Disagree	Strongly Agree	Agree	Agree	Disagree	Disagree	Agree
21	Somewhat Agree	Somewhat Agree	Strongly Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
22	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
23	Agree	Agree	Strongly Agree	Somewhat Agree	Somewhat Disagree	Agree	Agree
24	Disagree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree

	pii12	pii13	pii14	pii15	pii16	pii17	pii18
1	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
2	Strongly Disagree	Strongly Disagree	Somewhat Disagree	.	Somewhat Disagree	Somewhat Disagree	Strongly Disagree
3	.	.	.	.	.	.	.
4	.	.	Disagree	Somewhat Agree	.	Somewhat Disagree	Somewhat Agree
5	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
6	Agree	Agree	Somewhat Agree	Agree	Agree	Strongly Agree	Disagree
7	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree
8	Strongly Disagree	Agree	.	Agree	Somewhat Agree	.	Disagree
9	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Disagree	Agree	Disagree
10	Somewhat Agree	Disagree	Somewhat Agree	Agree	Disagree	Disagree	Somewhat Disagree
11	Somewhat Disagree	Agree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree
12	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
13	Agree	Agree	Somewhat Agree	Disagree	Somewhat Agree	Disagree	Disagree
14	.	.	.	.	.	.	.
15	Somewhat Agree	Agree	Agree	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Disagree
16	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Disagree	Disagree
17	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
18	Somewhat Agree	Somewhat Agree	Somewhat Agree	Strongly Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
19	Disagree	Disagree	Disagree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Disagree
20	Disagree	Disagree	Agree	Agree	Somewhat Agree	Agree	Disagree
21	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
22	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Disagree	Somewhat Disagree
23	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
24	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree	Disagree

	pii19	pii20	pii21	pii22	pii23	pii24	pii25
1	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
2	Disagree	Somewhat Disagree	Strongly Disagree	Somewhat Agree	Somewhat Disagree	Agree	Disagree
3	.	.	.	.	.	.	.
4	Agree	.	Somewhat Agree	.	.	.	.
5	Somewhat Disagree	Somewhat Disagree	.	.	.	.	.
6	Agree	Disagree	Agree	Agree	Agree	Agree	Disagree
7	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
8	Disagree	.	Somewhat Agree	Agree	Somewhat Agree	Agree	Disagree
9	Somewhat Disagree	Agree	Somewhat Agree	Disagree	Somewhat Agree	Agree	Somewhat Disagree
10	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Agree	Disagree
11	Disagree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree	Disagree
12	Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
13	Agree	Somewhat Disagree	Agree	Agree	Agree	Disagree	Disagree
14	.	.	.	.	.	.	.
15	Strongly Agree	Agree	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Agree	Disagree
16	Agree	Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
17	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
18	Agree	Agree	.	Agree	Agree	Disagree	Somewhat Disagree
19	Somewhat Disagree	Somewhat Disagree	Strongly Disagree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Somewhat Disagree
20	Somewhat Disagree	Somewhat Disagree	Agree	Strongly Agree	Somewhat Agree	Disagree	Disagree
21	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
22	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
23	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Disagree	Agree	Agree
24	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree

	pii26	pii27	pii28	pii29	pii30	pii31	pii32
1	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Strongly Disagree	Somewhat Disagree
2	Somewhat Disagree	Somewhat Disagree	Agree	Agree	.	Disagree	Strongly Disagree
3	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.
6	Somewhat Disagree	Somewhat Agree	Agree	Agree	Somewhat Disagree	Strongly Disagree	Somewhat Disagree
7	Disagree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Strongly Disagree
8	Disagree	Disagree	.	Disagree	Strongly Disagree	Strongly Disagree	Strongly Disagree
9	Disagree	Somewhat Disagree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Disagree	Disagree
10	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Disagree	Agree	Disagree
11	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	.	Strongly Disagree	Strongly Disagree
12	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Agree	Disagree	Strongly Disagree
13	Somewhat Agree	Agree	Agree	Disagree	Somewhat Agree	Disagree	Somewhat Agree
14	.	.	.	.	.	.	.
15	Agree	Agree	Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Somewhat Disagree
16	Agree	Agree	Somewhat Agree	Disagree	Strongly Agree	Strongly Disagree	Somewhat Agree
17	Somewhat Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree
18	Agree	Agree	Agree	Disagree	Somewhat Disagree	.	Strongly Disagree
19	Somewhat Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree
20	Agree	Agree	Agree	Somewhat Disagree	Disagree	Disagree	Somewhat Disagree
21	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Strongly Disagree	Strongly Disagree
22	Strongly Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Strongly Disagree	Somewhat Disagree
23	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Agree
24	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree

	pii33	pii34
1	Somewhat Disagree	Somewhat Agree
2	Strongly Disagree	Somewhat Agree
3	.	.
4	.	.
5	.	.
6	Somewhat Disagree	Somewhat Disagree
7	Disagree	Disagree
8	Agree	Somewhat Disagree
9	Somewhat Agree	Somewhat Agree
10	Somewhat Disagree	Strongly Disagree
11	Somewhat Agree	Somewhat Agree
12	.	Somewhat Agree
13	Somewhat Agree	Somewhat Agree
14	.	.
15	Somewhat Agree	Somewhat Agree
16	Agree	Somewhat Agree
17	Somewhat Agree	Somewhat Agree
18	Agree	Agree
19	Somewhat Disagree	Somewhat Disagree
20	Agree	Strongly Agree
21	Somewhat Agree	Somewhat Disagree
22	Somewhat Agree	Somewhat Agree
23	Somewhat Agree	Somewhat Disagree
24	Somewhat Agree	Somewhat Agree

case	date	rank	class	macom	mos	comp
25	16-JUN-93	LTC	Field Grade	USACAPOC		Reserve
26	16-JUN-93	LTC	Field Grade	USACAPOC	C A	Reserve
27	16-JUN-93	COL	Field Grade	USACAPOC	C A	Reserve
28	16-JUN-93	COL	Field Grade	OTHER	Med	Active
29	17-JUN-93	SFC	NCO	TRADOC	S4B	Active
30	17-JUN-93	MAJ	Field Grade	TRADOC	Chem	Active
31	16-JUN-93	MAJ	Field Grade	FORSCOM	Q M	Reserve
32	16-JUN-93	SFC	NCO	FORSCOM	55X	Active
33		SFC	NCO	FORSCOM	63Z	Active
34	16-JUN-93	SSG	NCO	FORSCOM	76P	Active
35	16-JUN-93	LTC	Field Grade	FORSCOM	Ord	Active
36	16-JUN-93	MAJ	Field Grade	TRADOC	Ord	Active
37	16-JUN-93	LTC	Field Grade	COSCOM	Ord	Active
38	16-JUN-93	CPT	Company Grade	FORSCOM	Ord	Active
39	16-JUN-93	MAJ	Field Grade	CASCOM	Q M	Guard
40	16-JUN-93	CPT	Company Grade	TRADOC	Trans	Active
41	16-JUN-93	CPT	Company Grade	TRADOC	Q M	Active
42	19-JUN-93	CPT	Company Grade	TRADOC	Fin	Active
43	16-JUN-93	CPT	Company Grade	TRADOC	Trans	Active
44	16-JUN-93	CPT	Company Grade	TRADOC	AG	Active
45	16-JUN-93	CPT	Company Grade	TRADOC	Trans	Active
46	16-JUN-93	MAJ	Field Grade	TRADOC	Trans	Active
47	16-JUN-93	CPT	Company Grade	TRADOC	Trans	Active
48	16-JUN-93	MAJ	Field Grade	TRADOC	Ord	Active

	servyear	servmont	funcyear	funcmont	csstsex	logex	role
25	34.00	6.00	24.00	6.00	2.00	1.00	O/C
26	23.00	.	4.00	.	1.00	2.00	
27	30.00	6.00	6.00	4.00	2.00	1.00	O/C
28	32.00	5.00	23.00	5.00	1.00	1.00	O/C
29	18.00	2.00	18.00	2.00	2.00	1.00	Player
30	13.00	4.00	13.00	4.00	2.00	2.00	
31	20.00	.	8.00	.	2.00	2.00	
32	20.00	6.00	20.00	6.00	2.00	1.00	Player
33	19.00	.	19.00	.	2.00	2.00	
34	13.00	4.00	10.00	.	2.00	2.00	
35	20.00	8.00	15.00	.	2.00	1.00	
36	16.00	4.00	16.00	4.00	2.00	2.00	
37	20.00	.	18.00	.	2.00	1.00	Player
38	7.00	6.00	1.00	4.00	2.00	2.00	
39	21.00	7.00	18.00	.	2.00	1.00	Player
40	12.00	2.00	12.00	2.00	2.00	2.00	
41	9.00	1.00	9.00	1.00	2.00	2.00	
42	5.00	1.00	5.00	1.00	2.00	2.00	
43	4.00	6.00	4.00	6.00	2.00	2.00	
44	6.00	1.00	3.00	9.00	2.00	2.00	
45	16.00	9.00	12.00	10.00	2.00	1.00	Player
46	15.00	1.00	15.00	1.00	1.00	1.00	O/C
47	11.00	5.00	9.00	5.00	1.00	2.00	
48	18.00	6.00	18.00	6.00	2.00	1.00	O/C

	amuno	eng	cod	chem	maint	pol	ca	med	rear
25	No	Yes	No	No	No	No	Yes	No	No
26	No	No	No	No	No	No	Yes	No	No
27	No	No	No	No	No	No	Yes	No	No
28	No	No	No	No	No	No	No	Yes	No
29	No	No	No	Yes	No	No	No	No	No
30	No	No	No	Yes	No	No	No	No	No
31	No	No	No	Yes	No	Yes	Yes	Yes	No
32	Yes	No	No	No	No	No	No	No	No
33	No	No	No	No	Yes	No	No	No	No
34	No	No	No	No	No	No	No	No	No
35	No	No	No	No	Yes	No	No	No	No
36	No	No	No	No	Yes	No	No	No	No
37	No	No	No	No	Yes	Yes	No	No	No
38	No	No	No	No	No	Yes	No	No	No
39	No	No	No	No	No	No	No	No	No
40	No	No	No	No	No	No	No	No	No
41	No	No	No	No	No	Yes	No	No	No
42	No	No	No	No	No	No	No	No	No
43	No	No	No	No	No	No	No	No	No
44	No	No	No	No	No	No	No	No	No
45	No	No	No	No	No	No	No	No	No
46	No	No	No	No	No	No	No	No	No
47	No	No	No	No	No	No	No	No	No
48	Yes	No	Yes	Yes	Yes	No	No	No	No

	trans	tacts	signal	fldsys	imp	pa	graves	pers	airops
25	No	No	No	No	No	No	No	No	No
26	No	No	No	No	No	No	No	No	No
27	No	No	Yes	No	No	No	No	No	No
28	No	No	No	No	No	No	No	No	No
29	No	No	No	No	No	No	No	No	No
30	No	No	No	No	No	No	No	No	No
31	No	No	No	Yes	No	No	Yes	Yes	No
32	No	No	No	No	No	No	No	No	No
33	No	No	No	No	No	No	No	No	No
34	No	No	No	No	No	No	No	No	No
35	No	No	No	No	No	No	No	No	No
36	No	No	No	No	No	No	No	No	No
37	Yes	No	No	Yes	No	No	No	No	No
38	Yes	No	No	No	No	No	No	No	No
39	No	No	No	No	No	No	No	No	No
40	Yes	No	No	No	No	No	No	No	No
41	No	No	No	Yes	No	No	No	No	No
42	No	No	No	No	No	No	No	Yes	No
43	Yes	No	No	No	No	No	No	No	No
44	No	No	No	No	No	No	No	Yes	No
45	Yes	No	No	No	No	No	No	No	No
46	Yes	No	No	No	No	No	No	No	No
47	Yes	No	No	No	No	No	No	No	No
48	No	No	No	No	Yes	No	No	No	No

	supply	chap	other	function	pii01	pii02	pii03	pii04
25	No	No	No	Civil Mill Ops				
26	No	No	No	Civil Mill Ops	Agree	Somewhat Agree	Agree	Agree
27	No	No	No	Civil Mill Ops	Agree	Agree	Agree	Somewhat Agree
28	Yes	No	No	Medical	Agree	Strongly Agree	Somewhat Agree	Agree
29	No	No	No	Chemical	Somewhat Agree	Somewhat Agree	Agree	Agree
30	No	No	No	Chemical	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
31	Yes	No	Yes	Supply	Somewhat Agree	Somewhat Agree	Strongly Agree	Somewhat Agree
32	No	No	No	Other	Somewhat Agree	Somewhat Agree	Agree	Agree
33	No	No	No	Maintenance	Disagree	Agree	Disagree	Disagree
34	Yes	No	No	Supply	Strongly Disagree	Agree	Strongly Disagree	Somewhat Agree
35	Yes	No	No	Maintenance	Somewhat Agree	Agree	Strongly Agree	Somewhat Agree
36	No	No	No	Maintenance	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
37	Yes	No	No	Supply	Somewhat Disagree	Disagree	Somewhat Agree	Strongly Disagree
38	Yes	No	No	Supply	Agree	Agree	Agree	Somewhat Agree
39	Yes	No	No	Observer/Controlle	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree
40	No	No	No	Transportation	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
41	Yes	No	No	Supply	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
42	No	No	No	PSS	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
43	No	No	No	Transportation	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Agree
44	No	No	No	PSS	Disagree	Disagree	Disagree	Disagree
45	No	No	No	Transportation	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree
46	No	No	No	Transportation	Disagree	Disagree	Somewhat Disagree	Somewhat Disagree
47	No	No	No	Transportation	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Agree
48	No	No	No	Observer/Controlle	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree

	pii05	pii06	pii07	pii08	pii09	pii10	pii11
25							
26	Disagree	Agree	Agree	Agree	Agree	Agree	Somewhat Agree
27	Somewhat Disagree	Agree	Strongly Agree	Somewhat Agree	Agree	Agree	Somewhat Disagree
28	Strongly Disagree	Somewhat Agree	Disagree	Agree	Somewhat Agree	Somewhat Agree	Disagree
29	Disagree	Agree	Disagree	Somewhat Disagree	Agree	Somewhat Agree	Disagree
30	Strongly Agree	Somewhat Disagree	Strongly Agree	Strongly Disagree	Somewhat Agree	Agree	Strongly Agree
31	Somewhat Agree	Disagree	Strongly Agree	Disagree	Agree	Disagree	Agree
32	Agree	Agree	Strongly Agree	Agree	Agree	Somewhat Disagree	Agree
33	Somewhat Disagree	Agree	Agree	Disagree	Somewhat Agree	Somewhat Agree	Strongly Agree
34	Strongly Disagree	Strongly Agree		Strongly Disagree	Somewhat Agree	Somewhat Agree	Strongly Agree
35	Disagree	Agree	Disagree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Agree
36	Somewhat Disagree		Strongly Agree		Somewhat Agree	Somewhat Agree	Somewhat Agree
37	Somewhat Disagree	Somewhat Disagree	Strongly Agree				
38	Somewhat Disagree		Strongly Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree
39	Disagree	Somewhat Disagree	Strongly Agree	Agree	Somewhat Agree	Somewhat Disagree	Agree
40	Somewhat Disagree	Agree	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Agree
41	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree
42	Strongly Agree	Somewhat Agree	Agree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Somewhat Agree
43	Somewhat Disagree	Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
44	Agree	Somewhat Agree	Agree	Strongly Disagree	Disagree	Somewhat Disagree	Strongly Agree
45	Somewhat Agree	Somewhat Agree	Agree	Disagree	Agree	Somewhat Agree	Disagree
46	Somewhat Disagree		Strongly Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree
47	Somewhat Disagree	Somewhat Agree	Strongly Agree	Disagree	Somewhat Disagree	Disagree	Agree
48	Somewhat Disagree	Strongly Disagree	Strongly Agree	Strongly Disagree	Disagree	Strongly Disagree	Agree

	pii12	pii13	pii14	pii15	pii16	pii17	pii18
25							
26	Agree	Agree	Agree	Agree	Agree	Somewhat Disagree	Somewhat Agree
27	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree
28	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree
29	Agree	Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree	Disagree
30	Disagree	Somewhat Agree	Somewhat Agree	Disagree	Strongly Disagree	Somewhat Disagree	Disagree
31	Strongly Disagree	Strongly Disagree	Disagree	Agree	Agree	Strongly Agree	Disagree
32	Somewhat Agree	Somewhat Agree					Agree
33	Strongly Disagree	Strongly Disagree	Disagree	Somewhat Agree	Disagree	Agree	Disagree
34	Strongly Disagree	Somewhat Agree	Strongly Disagree	Agree	Agree	Somewhat Disagree	Strongly Disagree
35	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Agree	Agree	Somewhat Disagree	Somewhat Disagree
36	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree
37							
38	Somewhat Agree	Agree	Somewhat Agree	Agree	Agree	Somewhat Disagree	Somewhat Disagree
39	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Disagree	Disagree
40	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree
41	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
42	Somewhat Disagree	Somewhat Disagree	Strongly Disagree	Disagree	Somewhat Agree	Strongly Agree	Strongly Disagree
43	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Disagree
44	Disagree	Somewhat Disagree	Disagree	Disagree	Disagree	Strongly Agree	Disagree
45	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Agree	Disagree
46	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Agree	Somewhat Disagree	Agree	Disagree
47	Disagree	Somewhat Disagree	Disagree	Disagree	Disagree	Strongly Agree	Disagree
48	Agree	Somewhat Disagree	Strongly Disagree	Somewhat Disagree	Strongly Disagree	Somewhat Disagree	Somewhat Disagree

	pii19	pii20	pii21	pii22	pii23	pii24	pii25
25							
26	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree
27	Agree	Agree	Strongly Agree	Strongly Agree	Agree	Agree	Somewhat Disagree
28	Agree	Disagree	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
29	Agree	Disagree	Agree	Agree	Agree	Disagree	Somewhat Disagree
30	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Disagree
31	Agree	Disagree	Strongly Agree	Disagree	Disagree	Disagree	Somewhat Agree
32		Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
33	Somewhat Agree	Agree	Disagree	Disagree	Somewhat Disagree	Agree	Strongly Agree
34	Strongly Disagree	Strongly Agree	Strongly Disagree	Strongly Agree	Somewhat Agree	Agree	Agree
35	Somewhat Disagree	Somewhat Agree	Agree	Agree	Agree	Somewhat Agree	Somewhat Disagree
36	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree			Somewhat Disagree
37							
38	Somewhat Agree	Disagree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
39	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
40	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
41	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
42	Strongly Disagree	Somewhat Agree	Strongly Disagree	Somewhat Disagree	Somewhat Disagree	Strongly Agree	Disagree
43	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
44	Strongly Disagree	Agree	Disagree	Disagree	Strongly Disagree	Agree	Disagree
45	Agree	Disagree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Disagree	Disagree
46	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree
47	Disagree	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Agree	Somewhat Disagree
48	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree

	pii26	pii27	pii28	pii29	pii30	pii31	pii32
25							
26	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree
27	Agree	Agree	Disagree	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree
28	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Agree	Somewhat Disagree
29	Agree	Somewhat Agree	Agree	Somewhat Agree	Disagree	Agree	Agree
30	Strongly Disagree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
31	Disagree	Agree	Somewhat Agree	Disagree	Disagree	Strongly Disagree	Strongly Disagree
32	Strongly Agree	Strongly Disagree		Disagree		Strongly Disagree	Strongly Disagree
33	Somewhat Disagree	Disagree		Strongly Agree	Disagree	Disagree	Disagree
34	Strongly Disagree	Strongly Disagree	Somewhat Agree	Strongly Agree	Disagree		Strongly Disagree
35	Strongly Agree	Disagree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Agree	Strongly Disagree
36	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Agree	Strongly Disagree	Strongly Disagree
37							
38	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Agree	Strongly Disagree	Disagree
39	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree
40	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Disagree	Strongly Agree	Strongly Disagree
41	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
42	Strongly Disagree	Strongly Disagree	Strongly Disagree	Agree		Disagree	Strongly Disagree
43	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Strongly Disagree
44	Strongly Disagree	Strongly Disagree	Disagree	Strongly Agree	Agree	Strongly Disagree	Disagree
45	Strongly Disagree	Disagree	Strongly Disagree	Somewhat Disagree	Agree	Disagree	Strongly Disagree
46	Disagree		Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Disagree	Disagree
47	Disagree	Disagree	Somewhat Agree	Somewhat Disagree		Strongly Disagree	Strongly Disagree
48	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree		Strongly Disagree	Strongly Disagree

	pii33	pii34
25	.	.
26	Agree	Strongly Disagree
27	Agree	Agree
28	Agree	Somewhat Agree
29	Agree	Agree
30	Somewhat Agree	Strongly Agree
31	Agree	Somewhat Agree
32	Somewhat Disagree	Somewhat Disagree
33	Strongly Disagree	Somewhat Agree
34	Strongly Disagree	Strongly Disagree
35	Agree	Strongly Agree
36	Somewhat Agree	Agree
37	.	.
38	Agree	Agree
39	Agree	Somewhat Agree
40	Somewhat Agree	Agree
41	Somewhat Agree	Somewhat Agree
42	Disagree	Strongly Disagree
43	Somewhat Agree	Somewhat Agree
44	Strongly Disagree	Disagree
45	Disagree	Somewhat Disagree
46	Somewhat Agree	Somewhat Disagree
47	Somewhat Agree	Disagree
48	Somewhat Disagree	Somewhat Agree

case	date	rank	class	macom	mos	comp
49	16-JUN-93	MAJ	Field Grade	TRADOC	Ord	Active
50	16-JUN-93	LTC	Field Grade	TRADOC	Trans	Active
51	15-JUN-93	SFC	NCO	TAAACOM	77F	Reserve
52	15-JUN-93	MAJ	Field Grade	TRADOC	QM	Active
53	15-JUN-93	2LT	Company Grade	TAAACOM		Reserve
54	15-JUN-93	CPT	Company Grade	TAAACOM	Armor	Reserve
55	15-JUN-93	SGT	NCO	OTHER	77F	Reserve
56	15-JUN-93	SSG	NCO	FORSCOM	77W	Reserve
57	15-JUN-93	CPT	Company Grade		QM	Reserve
58	15-JUN-93	SFC	NCO	TAAACOM	77W	Reserve
59	15-JUN-93	CSM	NCO	TAAACOM	00Z	Reserve
60		LTC	Field Grade		QM	Reserve
61	16-JUN-93	CPT	Company Grade	TAAACOM	QM	Guard
62	16-JUN-93	SSG	NCO	TAAACOM	77L	Guard
63	16-JUN-93	1LT	Company Grade	TAAACOM	QM	Guard
64	16-JUN-93	MAJ	Field Grade	TAAACOM	QM	Guard
65	15-JUN-93	CPT	Company Grade	FORSCOM	QM	Active
66	15-JUN-93	CPT	Company Grade	TAAACOM	QM	Guard
67		CPT	Company Grade	TAAACOM	QM	Guard
68	16-JUN-93	COL	Field Grade	USACAPOC	CA	Reserve
69	16-JUN-93	CPT	Company Grade	USACAPOC	Med	Reserve
70	16-JUN-93	SSG	NCO	TAAACOM	38A	Reserve
71	16-JUN-93	SFC	NCO	TAAACOM	71L	Reserve
72	16-JUN-93	CPT	Company Grade	USACAPOC	CA	Reserve

	servyear	servmont	funcyear	funcmont	castsex	logex	role
49	19.00	8.00	19.00	8.00	1.00	1.00	Player
50	21.00	1.00	19.00	6.00	2.00	2.00	
51	14.00	.	10.00	.	2.00	2.00	
52	19.00	4.00	17.00	2.00	2.00	1.00	O/C
53	1.00	6.00	1.00	.	2.00	1.00	Player
54	9.00	1.00	9.00	1.00	2.00	1.00	Player
55	13.00	6.00	10.00	.	1.00	1.00	Player
56	13.00	.	1.00	.	2.00	2.00	
57	12.00	.	.	.	2.00	1.00	Player
58	22.00	8.00	3.00	9.00	1.00	1.00	Player
59	25.00	7.00	5.00	.	2.00	2.00	
60	26.00	.	18.00	.	2.00	1.00	Player
61	15.00	2.00	.	9.00	2.00	2.00	
62	10.00	.	.	10.00	2.00	2.00	
63	17.00	6.00	.	10.00	2.00	2.00	
64	13.00	2.00	.	9.00	2.00	2.00	
65	5.00	.	5.00	.	2.00	2.00	
66	10.00	.	6.00	.	2.00	2.00	
67	10.00	.	7.00	.	2.00	2.00	
68	26.00	2.00	5.00	10.00	2.00	1.00	O/C
69	23.00	.	12.00	5.00	2.00	2.00	
70	16.00	.	1.00	1.00	2.00	2.00	
71	15.00	6.00	15.00	6.00	1.00	2.00	
72	14.00	1.00	14.00	1.00	2.00	2.00	

	ammo	eng	eod	chem	maint	pol	ca	med	rear
49	No	No	No	No	Yes	No	No	No	No
50	No	No	No	No	No	No	No	No	No
51	No	No	No	No	No	Yes	No	No	No
52	No	No	No	No	No	Yes	No	No	No
53	No	No	No	No	No	Yes	No	No	No
54	No	No	No	No	No	No	No	No	No
55	No	No	No	No	No	Yes	No	No	No
56	No	No	No	No	No	Yes	No	No	No
57	No	No	No	No	No	Yes	No	No	No
58	No	No	No	No	No	No	No	No	No
59	No	No	No	No	No	No	No	No	No
60	No	No	No	No	No	Yes	No	No	No
61	No	No	No	No	No	No	No	No	No
62	No	No	No	No	No	Yes	No	No	No
63	No	No	No	No	No	No	No	No	No
64	No	No	No	No	No	No	No	No	No
65	No	No	No	No	No	No	No	No	No
66	No	No	No	No	No	No	No	No	No
67	No	No	No	No	No	No	No	No	No
68	No	Yes	No	No	No	No	Yes	No	No
69	No	No	No	No	No	No	Yes	Yes	No
70	No	Yes	No	Yes	No	No	No	No	No
71	No	No	No	Yes	No	No	Yes	No	No
72	No	No	No	No	No	No	No	No	No

	trans	tacts	signal	fldavs	mp	pa	graves	pers	airops
49	No	No	No	No	No	No	No	No	No
50	Yes	No	No	No	No	No	No	No	No
51	No	No	No	No	No	No	No	No	No
52	No	No	No	No	No	No	No	No	No
53	No	No	No	No	No	No	No	No	No
54	No	No	No	No	No	No	No	No	No
55	No	No	No	No	No	No	No	No	No
56	No	No	No	No	No	No	No	Yes	No
57	No	No	No	No	No	No	No	No	No
58	No	No	No	No	No	No	Yes	No	No
59	No	No	No	No	No	No	No	Yes	No
60	No	No	No	No	No	No	No	No	No
61	No	Yes	No	No	No	No	No	Yes	No
62	No	No	No	No	No	No	No	No	No
63	No	Yes	No	No	No	No	No	No	No
64	No	No	No	No	No	No	No	No	No
65	No	No	No	Yes	No	No	No	No	No
66	No	No	No	No	No	No	No	No	No
67	No	No	No	No	No	No	No	No	No
68	No	No	No	No	No	No	No	No	No
69	No	No	No	No	No	No	No	No	No
70	Yes	No	No	No	No	No	No	No	No
71	No	No	No	No	No	No	No	Yes	No
72	No	No	No	No	No	No	No	No	No

	supply	chap	other	function	pii01	pii02	pii03	pii04
49	No	No	No	Maintenance	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
50	Yes	No	No	Transportation	Disagree	Somewhat Disagree	Disagree	Agree
51	No	No	No	POL	Disagree	Agree	Disagree	Somewhat Agree
52	Yes	No	No	POL	Disagree	Agree	Somewhat Disagree	Somewhat Disagree
53	No	No	No	POL	Somewhat Agree	Strongly Agree	.	Disagree
54	No	No	No	POL	Disagree	Strongly Agree	Agree	Somewhat Agree
55	No	No	No	POL	Somewhat Agree	Agree	Agree	Agree
56	No	No	No	POL	Somewhat Disagree	Strongly Agree	Agree	Somewhat Agree
57	No	No	No	Supply	Agree	Agree	Agree	Somewhat Agree
58	No	No	No	Supply	Agree	Agree	Somewhat Agree	Strongly Agree
59	Yes	No	No	Maintenance	Somewhat Agree	Agree	Somewhat Agree	Agree
60	No	No	No	POL	Somewhat Agree	Agree	Agree	Agree
61	No	No	Yes	POL	Disagree	Agree	Agree	Somewhat Agree
62	No	No	Yes	POL	Disagree	Agree	Agree	Strongly Disagree
63	No	No	No	Transportation	Disagree	Somewhat Agree	Agree	Somewhat Disagree
64	No	No	No	POL	Strongly Disagree	Agree	Agree	Strongly Disagree
65	No	No	No	POL	Agree	Agree	Agree	Agree
66	No	No	No	Supply	Strongly Disagree	Strongly Agree	Strongly Agree	Somewhat Disagree
67	Yes	No	No	Supply	Disagree	Somewhat Agree	Somewhat Agree	Disagree
68	No	No	No	Civil Mil Ops	Somewhat Agree	.	.	Agree
69	No	No	No	Medical	Somewhat Disagree	.	Somewhat Agree	Somewhat Agree
70	No	No	No	Civil Mil Ops	Agree	Somewhat Disagree	Strongly Agree	Agree
71	No	No	No	Civil Mil Ops	Somewhat Agree	Somewhat Disagree	Strongly Agree	Somewhat Agree
72	No	No	Yes	Civil Mil Ops	Disagree	.	Agree	Somewhat Disagree

	pii05	pii06	pii07	pii08	pii09	pii10	pii11
49	Somewhat Agree		Strongly Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree
50	Strongly Disagree		Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
51	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree
52	Agree		Somewhat Agree	Disagree	Disagree	Agree	Somewhat Disagree
53	Somewhat Agree		Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree
54	Disagree	Somewhat Agree	Strongly Disagree	Somewhat Agree	Strongly Disagree	Somewhat Agree	Strongly Agree
55	Somewhat Disagree	Agree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
56	Somewhat Disagree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree	Disagree	Agree
57	Somewhat Disagree		Strongly Agree	Disagree	Disagree	Agree	Strongly Agree
58	Strongly Disagree	Agree	Disagree	Agree	Agree	Agree	Disagree
59	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
60	Somewhat Disagree	Agree	Agree	Strongly Disagree	Somewhat Agree	Somewhat Agree	Strongly Agree
61	Somewhat Disagree	Disagree	Strongly Agree	Disagree	Disagree	Disagree	
62	Somewhat Agree	Somewhat Agree	Agree	Strongly Disagree	Disagree	Disagree	Strongly Agree
63	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree
64	Strongly Disagree		Strongly Agree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree
65	Disagree	Somewhat Agree	Disagree	Agree	Agree	Agree	Somewhat Agree
66	Strongly Disagree			Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Disagree
67	Somewhat Disagree		Agree	Somewhat Agree	Strongly Disagree	Strongly Disagree	Somewhat Disagree
68	Somewhat Agree			Somewhat Disagree	Somewhat Disagree	Agree	Disagree
69	Disagree	Agree	Agree	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Agree
70	Strongly Disagree	Somewhat Agree		Agree	Agree	Disagree	Agree
71	Somewhat Disagree	Somewhat Agree	Disagree	Somewhat Agree		Somewhat Agree	Somewhat Agree
72	Somewhat Agree			Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree

	pii12	pii13	pii14	pii15	pii16	pii17	pii18
49	Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Disagree
50	Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Agree	Somewhat Disagree
51	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Disagree
52	.	.	.	Agree	Agree	Disagree	Disagree
53	.	.	.	Strongly Agree	Strongly Disagree	Disagree	Strongly Disagree
54	Disagree	Somewhat Agree	Somewhat Agree	Strongly Agree	Disagree	Somewhat Agree	Strongly Agree
55	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Strongly Agree
56	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Strongly Agree	Somewhat Agree	Somewhat Agree
57	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
58	Agree	Agree	Agree	Somewhat Agree	Agree	Disagree	Disagree
59	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
60	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree
61	Strongly Disagree	Strongly Disagree	Disagree	Agree	Somewhat Agree	Agree	Somewhat Disagree
62	Disagree	Disagree	Disagree	Agree	Agree	Strongly Agree	Disagree
63	Disagree	Disagree	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Disagree	Disagree
64	Strongly Disagree	Strongly Disagree	Disagree	Agree	Agree	Strongly Agree	Strongly Disagree
65	Somewhat Agree	Agree	Agree	Agree	Agree	Somewhat Disagree	Somewhat Disagree
66	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree	Strongly Disagree
67	Somewhat Disagree	Disagree	Somewhat Agree	Strongly Agree	Somewhat Agree	.	Somewhat Disagree
68	Agree	Agree	Agree	.	Agree	.	Disagree
69	.	.	.	.	.	Somewhat Agree	Disagree
70	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	.	.
71	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Agree	Disagree	.	Disagree
72	.	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	.	Somewhat Disagree

	pii19	pii20	pii21	pii22	pii23	pii24	pii25
49	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Agree	Disagree
50	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Disagree	Disagree
51	Somewhat Disagree	Agree	Somewhat Agree	Disagree	Disagree	Somewhat Disagree	Disagree
52	Somewhat Agree	Agree	Disagree	Disagree	Agree	Somewhat Agree	Somewhat Disagree
53	.	Strongly Agree	Strongly Disagree	Strongly Disagree	Agree	Agree	Disagree
54	Agree	Strongly Agree	Somewhat Agree	Disagree	Strongly Disagree	Somewhat Disagree	Strongly Disagree
55	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
56	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Disagree	Somewhat Disagree
57	Somewhat Agree	Somewhat Agree	.	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
58	Agree	Disagree	Agree	Agree	Agree	Disagree	Somewhat Agree
59	Somewhat Disagree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Disagree	Agree	Disagree
60	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree
61	Disagree	Somewhat Disagree	Strongly Disagree	Strongly Disagree	Somewhat Disagree	Strongly Agree	Strongly Agree
62	Disagree	Agree	Disagree	Strongly Disagree	Strongly Disagree	Agree	Disagree
63	Somewhat Disagree	Disagree	Disagree	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
64	Strongly Disagree	Strongly Agree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree	Strongly Disagree
65	Agree	Somewhat Disagree	Agree	Agree	Agree	Disagree	Somewhat Disagree
66	Strongly Disagree	Strongly Agree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree	Strongly Disagree
67	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree	Agree	Somewhat Agree	Strongly Agree
68	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Disagree	.
69	.	Agree	Somewhat Disagree	.	.	.	.
70	.	.	.	.	.	.	.
71	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	.	Disagree
72	Somewhat Agree	Strongly Disagree	.	Somewhat Agree	Somewhat Agree	.	.

	pii26	pii27	pii28	pii29	pii30	pii31	pii32
49	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Disagree	Disagree	Disagree
50	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	.	.	Disagree
51	Disagree	Disagree	Disagree	Somewhat Agree	Disagree	Agree	Strongly Disagree
52	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Disagree	Somewhat Agree	Disagree
53	Disagree	Disagree	Somewhat Agree	Agree	Strongly Disagree	Disagree	Strongly Disagree
54	Somewhat Agree	Somewhat Agree	Strongly Disagree	Somewhat Disagree	Strongly Disagree	Strongly Disagree	Somewhat Agree
55	Somewhat Agree	Somewhat Agree	Somewhat Agree	.	Somewhat Disagree	Somewhat Agree	Somewhat Agree
56	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Strongly Agree	Strongly Disagree
57	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Disagree
58	Somewhat Agree	Agree	Agree	Disagree	Disagree	Agree	Agree
59	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
60	Somewhat Disagree	Somewhat Disagree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
61	Strongly Disagree	Strongly Disagree	Agree	Agree	Disagree	Disagree	Strongly Disagree
62	Strongly Disagree	Disagree	Disagree	Agree	Strongly Disagree	Somewhat Agree	Strongly Disagree
63	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Disagree	Disagree
64	Strongly Disagree	Strongly Disagree	Strongly Disagree	Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
65	Agree	Agree	Agree	Disagree	Disagree	Agree	Somewhat Agree
66	Strongly Disagree	Strongly Disagree	Agree	Strongly Agree	.	.	Strongly Disagree
67	Strongly Disagree	Somewhat Agree	Somewhat Disagree	Strongly Agree	Somewhat Disagree	Strongly Disagree	Strongly Disagree
68	Somewhat Agree	Somewhat Disagree	Agree	Disagree	.	.	Disagree
69	.	Somewhat Disagree	Somewhat Disagree	Agree	.	Disagree	Disagree
70	.	.	.	.	.	.	.
71	Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree
72	.	.	.	.	.	.	.

	pii33	pii34
49	Somewhat Agree	Somewhat Agree
50	Agree	Agree
51	Disagree	Disagree
52	Disagree	Somewhat Agree
53	Somewhat Agree	Agree
54	Somewhat Disagree	Strongly Disagree
55	Somewhat Agree	Agree
56	Somewhat Disagree	Strongly Agree
57	Somewhat Agree	Strongly Agree
58	Agree	Agree
59	Somewhat Disagree	Agree
60	Agree	Agree
61	Disagree	Somewhat Agree
62	Disagree	Agree
63	Disagree	Disagree
64	Strongly Disagree	Agree
65	Agree	Agree
66	Strongly Disagree	Somewhat Agree
67	Somewhat Disagree	Agree
68	Somewhat Agree	.
69	Disagree	.
70	.	.
71	Somewhat Agree	Agree
72	.	.

case	date	rank	class	mincom	mos	comp
73	16-JUN-93	1LT	Company Grade	USACAPOC	M P	Reserve
74	16-JUN-93	LTC	Field Grade	USACAPOC	C A	Reserve
75	15-JUN-93	SGM	NCO	OTHER	91C	Reserve
76	16-JUN-93	MSG	NCO	OTHER	91B	Reserve
77	16-JUN-93	MAJ	Field Grade	FORSCOM	Med	Guard
78	15-JUN-93	CPT	Company Grade	TAACOM	Q M	Reserve
79	15-JUN-93	MAJ	Field Grade	TAACOM	Q M	Reserve
80	15-JUN-93	MAJ	Field Grade	OTHER	Q M	Reserve
81	17-JUN-93	COL	Field Grade	.	Med	Reserve
82	15-JUN-93	CPT	Company Grade	TRADOC	Av	Active
83	15-JUN-93	MAJ	Field Grade	OTHER	Med	Active
84	15-JUN-93	SGM	NCO	OTHER	76J	Reserve
85	15-JUN-93	CPT	Company Grade	OTHER	Ord	Active
86	15-JUN-93	LTC	Field Grade	OTHER	Q M	Active
87	15-JUN-93	CPT	Company Grade	OTHER	Q M	Active
88	15-JUN-93	1LT	Company Grade	OTHER	Ord	Active
89	16-JUN-93	CPT	Company Grade	COSCOM	Ord	Active
90	16-JUN-93	SFC	NCO	COSCOM	92A	Active
91	16-JUN-93	MAJ	Field Grade	COSCOM	Ord	Active
92	16-JUN-93	CPT	Company Grade	COSCOM	Trans	Active
93	16-JUN-93	CPT	Company Grade	COSCOM	Q M	Active
94	16-JUN-93	CPT	Company Grade	COSCOM	Q M	Active
95	15-JUN-93	CPT	Company Grade	COSCOM	Trans	Active
96	.	CPT	Company Grade	FORSCOM	Ord	Reserve

	servyear	servmont	funcyear	funcmont	castsex	logex	role
73	5.00	9.00	3.00	.	2.00	2.00	
74	28.00	.	26.00	.	2.00	1.00	Player
75	18.00	2.00	18.00	2.00	2.00	2.00	
76	23.00	4.00	5.00	3.00	2.00	2.00	
77	14.00	6.00	14.00	6.00	2.00	2.00	
78	13.00	6.00	2.00	6.00	2.00	1.00	Player
79	20.00	.	15.00	2.00	1.00	1.00	O/C
80	20.00	1.00	3.00	6.00	2.00	1.00	
81	14.00	5.00	26.00	8.00	2.00	2.00	
82	6.00	5.00	3.00	4.00	2.00	2.00	
83	11.00	10.00	11.00	10.00	2.00	2.00	
84	31.00	6.00	6.00	.	2.00	.	
85	12.00	.	2.00	.	2.00	1.00	Player
86	20.00	1.00	9.00	.	2.00	2.00	
87	5.00	.	5.00	.	2.00	2.00	
88	3.00	1.00	2.00	7.00	2.00	2.00	
89	4.00	.	.	6.00	2.00	2.00	
90	18.00	.	18.00	.	2.00	1.00	Player
91	14.00	1.00	14.00	1.00	2.00	2.00	
92	8.00	1.00	8.00	1.00	2.00	2.00	
93	8.00	1.00	5.00	.	2.00	1.00	Player
94	9.00	8.00	2.00	.	2.00	1.00	Player
95	5.00	6.00	5.00	.	1.00	1.00	Player
96	5.00	1.00	5.00	1.00	2.00	1.00	Player

	trans	tacts	signal	fldsvs	mp	pa	graves	pers	airops
73	No	No	No	No	Yes	No	No	No	No
74	No	No	No	No	No	No	No	No	No
75	No	No	No	No	No	No	No	No	No
76	No	No	No	No	No	No	No	No	No
77	No	No	No	No	No	No	No	No	No
78	No	No	No	No	No	No	No	No	No
79	No	No	No	No	No	No	No	No	No
80	No	No	No	Yes	No	No	No	No	No
81	No	No	No	No	No	No	No	No	No
82	No	No	No	No	No	No	No	No	Yes
83	No	No	No	No	No	No	No	No	No
84	No	No	No	No	No	No	No	No	No
85	No	Yes	No	No	No	No	No	Yes	No
86	Yes	Yes	No	Yes	No	No	No	No	Yes
87	No	No	No	Yes	No	No	Yes	No	No
88	No	No	No	No	No	No	No	No	No
89	No	No	No	No	No	No	No	No	No
90	No	No	No	Yes	No	No	No	No	No
91	No	No	No	No	No	No	No	No	No
92	Yes	No	No	No	No	No	No	No	No
93	No	No	No	No	No	No	No	No	No
94	No	No	No	No	No	No	No	No	No
95	No	No	No	No	No	No	No	No	No
96	No	Yes	No	No	No	No	No	No	No

	supply	chap	other	function	pii01	pii02	pii03	pii04
73	No	No	No	Civil Mil Ops	Somewhat Agree		Somewhat Agree	Somewhat Agree
74	No	No	No	Civil Mil Ops	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
75	No	No	No	Medical	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
76	No	No	No	Medical	Somewhat Agree	Strongly Agree	Somewhat Agree	Strongly Agree
77	Yes	No	No	Medical	Disagree	Strongly Agree	Agree	Strongly Agree
78	No	No	No	POL				Somewhat Agree
79	No	No	No	POL	Disagree		Disagree	
80	Yes	No	No	POL				
81	No	No	No	Medical	Somewhat Agree	Somewhat Agree		Strongly Agree
82	No	No	No	Transportation	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Agree
83	No	No	No	Medical	Somewhat Agree	Agree	Somewhat Disagree	
84	No	No	No	Other	Agree	Agree	Agree	Somewhat Agree
85	No	No	No	Ammunition	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree
86	Yes	No	No	Other	Somewhat Disagree	Agree	Somewhat Agree	Strongly Agree
87	Yes	No	No	Supply	Disagree	Agree	Agree	Somewhat Disagree
88	Yes	No	No	Maintenance	Disagree	Strongly Agree	Agree	
89	No	No	No	Ammunition	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree
90	Yes	No	No	Supply	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree
91	Yes	No	No	Supply	Disagree	Disagree	Somewhat Agree	Disagree
92	Yes	No	No	Supply	Somewhat Agree	Strongly Agree	Somewhat Disagree	Agree
93	No	No	No	POL	Disagree	Disagree	Agree	Somewhat Agree
94	Yes	No	No	Supply	Agree	Agree	Agree	Agree
95	No	No	Yes	Transportation	Agree	Somewhat Agree	Agree	Agree
96	Yes	No	No	Maintenance	Somewhat Agree	Strongly Agree	Agree	Somewhat Agree

	pii05	pii06	pii07	pii08	pii09	pii10	pii11
73	Somewhat Disagree	Agree	Strongly Agree			Disagree	Agree
74	Strongly Agree	Somewhat Agree	Strongly Agree	Disagree	Disagree	Disagree	Agree
75	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree
76	Strongly Disagree	Somewhat Disagree	Strongly Agree	Somewhat Agree	Agree	Agree	Agree
77	Strongly Disagree		Disagree	Disagree	Agree	Agree	Agree
78	Somewhat Agree		Strongly Agree	Disagree	Somewhat Agree	Somewhat Agree	
79	Somewhat Disagree		Agree	Disagree	Strongly Disagree	Disagree	Strongly Agree
80							
81	Strongly Disagree	Agree	Agree	Somewhat Agree	Agree	Agree	Somewhat Disagree
82	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree
83	Disagree	Disagree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
84	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Agree	Agree	Disagree
85	Somewhat Disagree	Somewhat Agree	Strongly Agree	Somewhat Agree	Agree	Agree	Strongly Agree
86	Disagree	Agree	Disagree	Somewhat Disagree	Agree	Somewhat Disagree	Disagree
87	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
88	Agree	Somewhat Agree	Disagree	Somewhat Agree			Agree
89	Agree			Strongly Disagree	Somewhat Disagree	Disagree	Strongly Agree
90	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
91	Agree		Agree	Disagree	Somewhat Agree	Somewhat Agree	Disagree
92	Strongly Disagree	Agree	Strongly Disagree	Somewhat Agree	Agree	Agree	Agree
93	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree	Strongly Disagree	Strongly Disagree	Agree
94	Disagree	Agree	Somewhat Disagree	Somewhat Agree	Agree	Agree	Agree
95	Disagree	Somewhat Agree	Disagree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
96	Strongly Disagree	Agree	Strongly Disagree	Somewhat Agree	Agree	Agree	Strongly Disagree

	pii12	pii13	pii14	pii15	pii16	pii17	pii18
73	Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
74	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Strongly Agree	Somewhat Agree
75	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree
76	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Disagree	Disagree
77	.	.	Agree	Strongly Agree	Strongly Agree	Strongly Disagree	Disagree
78	.	.	.	.	.	.	.
79	Disagree	Strongly Disagree	.	.	.	Agree	.
80	.	.	.	.	.	.	.
81	Agree	Agree	.	.	Agree	Disagree	Disagree
82	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Agree	Somewhat Disagree	Somewhat Disagree
83	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
84	Somewhat Agree	Somewhat Agree	Agree	Agree	Agree	Somewhat Disagree	Somewhat Disagree
85	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree
86	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Disagree	Agree
87	Disagree	Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree
88	Disagree	Somewhat Agree	.	Strongly Agree	Agree	Disagree	Disagree
89	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Agree	Agree	Agree
90	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree
91	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	.	Somewhat Agree	Somewhat Agree
92	Somewhat Agree	Somewhat Agree	Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Disagree
93	Somewhat Disagree	Somewhat Disagree	Agree	Agree	Somewhat Agree	Disagree	Somewhat Agree
94	Somewhat Agree	Agree	Agree	Agree	Somewhat Agree	Disagree	Somewhat Disagree
95	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Somewhat Agree	Disagree	Disagree
96	Somewhat Disagree	Somewhat Disagree	Agree	Strongly Agree	Strongly Agree	Disagree	Disagree

	pii19	pii20	pii21	pii22	pii23	pii24	pii25
73		Somewhat Disagree	Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
74	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Disagree
75	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Disagree
76	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Agree	Somewhat Agree	Disagree
77	Disagree	Agree	Strongly Agree	Agree	Somewhat Agree	Strongly Disagree	Strongly Disagree
78	Somewhat Agree		Somewhat Agree				
79		Strongly Agree	Somewhat Agree	Strongly Disagree	Disagree		
80				Strongly Disagree			
81	Somewhat Disagree	Disagree	Agree	Agree	Agree	Agree	Disagree
82	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Somewhat Disagree
83	Somewhat Disagree			Somewhat Disagree		Somewhat Disagree	Somewhat Disagree
84	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Disagree
85	Agree	Strongly Agree	Somewhat Agree	Agree	Somewhat Agree	Agree	Somewhat Disagree
86	Agree	Somewhat Disagree	Agree	Agree	Somewhat Disagree	Agree	Somewhat Agree
87	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
88		Somewhat Disagree	Somewhat Agree	Disagree	Agree	Agree	Disagree
89	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Strongly Agree	Somewhat Disagree
90	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
91	Somewhat Disagree	Somewhat Disagree	Agree	Disagree	Disagree	Somewhat Disagree	Agree
92	Somewhat Agree	Agree	Strongly Agree	Agree	Somewhat Agree	Strongly Agree	Strongly Disagree
93	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree	Strongly Agree
94	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
95	Disagree	Disagree	Agree	Somewhat Agree	Disagree	Disagree	Agree
96	Agree	Disagree	Agree	Agree	Agree	Disagree	Disagree

	pii26	pii27	pii28	pii29	pii30	pii31	pii32
73		Somewhat Disagree				Strongly Disagree	
74	Somewhat Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Disagree	Somewhat Agree
75	Somewhat Disagree	Somewhat Agree	Disagree	Disagree	Somewhat Disagree		Somewhat Agree
76	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Disagree	Disagree
77	Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Strongly Disagree	Agree	Strongly Agree
78	Strongly Disagree				Strongly Agree	Strongly Disagree	Strongly Disagree
79							
80							
81	Agree	Agree	Agree	Agree		Disagree	Disagree
82	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Disagree	Strongly Disagree
83	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
84	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Somewhat Agree	Agree
85	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree	Strongly Disagree	Somewhat Disagree	Disagree
86	Agree	Somewhat Disagree	Disagree	Somewhat Disagree	Disagree	Agree	Strongly Disagree
87	Disagree	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Disagree	Agree	Strongly Disagree
88	Disagree	Somewhat Disagree		Agree	Strongly Disagree	Agree	Somewhat Agree
89	Agree	Strongly Disagree	Agree	Strongly Agree			Strongly Disagree
90	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
91	Somewhat Disagree	Somewhat Disagree	Agree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree
92	Agree	Agree	Somewhat Agree	Strongly Disagree	Somewhat Agree	Somewhat Agree	Strongly Disagree
93	Somewhat Disagree	Disagree	Strongly Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Strongly Disagree
94	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree
95	Agree	Disagree	Agree	Disagree	Agree	Disagree	Agree
96	Somewhat Agree	Somewhat Agree		Disagree	Strongly Disagree	Strongly Agree	Agree

	pii33	pii34
73	Disagree	Disagree
74	Strongly Disagree	Strongly Disagree
75	Somewhat Agree	Somewhat Disagree
76	Strongly Agree	Strongly Agree
77	Agree	Somewhat Agree
78	Strongly Disagree	Strongly Disagree
79	.	.
80	.	.
81	.	Strongly Agree
82	Somewhat Disagree	Somewhat Agree
83	Somewhat Agree	Somewhat Agree
84	Agree	Disagree
85	Somewhat Agree	Somewhat Agree
86	Somewhat Agree	Agree
87	Disagree	Somewhat Agree
88	.	Agree
89	Agree	Agree
90	Somewhat Disagree	Somewhat Disagree
91	Disagree	Disagree
92	Agree	Agree
93	Somewhat Disagree	Agree
94	Somewhat Agree	Somewhat Agree
95	Agree	Agree
96	Agree	Strongly Agree

	case	date	rank	class	macom	mos	comp
97	97.00	16-JUN-93	WO1	WO	FORSCOM	Signal	Active
98	98.00	16-JUN-93	CPT	Company Grade	FORSCOM	Ord	Active
99	99.00	15-JUN-93	SGT	NCO	CASCOM	88N	Guard
100	100.00	15-JUN-93	CPT	Company Grade	FORSCOM	Trans	Guard
101	101.00		MAJ	Field Grade	OTHER	Trans	Reserve
102	102.00	16-JUN-93	MAJ	Field Grade		Trans	Reserve
103	103.00	15-JUN-93	CPT	Company Grade	TAACOM	Trans	Guard
104	104.00	16-JUN-93	CPT	Company Grade	COSCOM	Trans	Guard
105	105.00	15-JUN-93	CPT	Company Grade	TAACOM	Trans	Reserve
106	106.00	15-JUN-93	MAJ	Field Grade	USATRANSCOM	Trans	Reserve
107	107.00	15-JUN-93	SFC	NCO	OTHER	88N	Guard
108	108.00	16-JUN-93	CPT	Company Grade	FORSCOM	Trans	Active
109	109.00	16-JUN-93	CPT	Company Grade	TAACOM	Q M	Reserve
110	110.00	16-JUN-93	MAJ	Field Grade	OTHER	Trans	Guard
111	111.00	15-JUN-93	CPT	Company Grade	FORSCOM	Trans	Active
112	112.00	16-JUN-93	CPT	Company Grade	FORSCOM	Trans	Guard
113	113.00	15-JUN-93	1LT	Company Grade	FORSCOM	Chem	Reserve
114	114.00	15-JUN-93	MAJ	Field Grade	OTHER	Trans	Reserve
115	115.00	16-JUN-93	COL	Field Grade	TAACOM	Trans	Reserve
116	116.00	16-JUN-93	LTC	Field Grade	COSCOM	Ord	Active
117	117.00	16-JUN-93	LTC	Field Grade	TAACOM	C A	Reserve
118	118.00	16-JUN-93	COL	Field Grade	USACAPOC	Trans	Reserve
119	119.00		CPT	Company Grade	OTHER	Trans	Active
120	120.00	16-JUN-93	MAJ	Field Grade	OTHER	Trans	Reserve

	servyear	servmont	funcyear	funcmont	costsex	logex	role
97	9.00	2.00	9.00	2.00	2.00	2.00	
98	5.00	9.00	5.00	9.00	2.00	2.00	
99	7.00	1.00	6.00	5.00	2.00	1.00	Player
100	8.00	11.00	.	11.00	2.00	2.00	
101	20.00	.	20.00	.	2.00	1.00	Player
102	16.00	1.00	16.00	1.00	2.00	1.00	Player
103	13.00	3.00	8.00	.	2.00	2.00	
104	16.00	3.00	13.00	3.00	2.00	1.00	O/C
105	15.00	5.00	15.00	5.00	2.00	2.00	
106	20.00	6.00	8.00	6.00	2.00	2.00	
107	19.00	9.00	3.00	.	2.00	2.00	
108	11.00	1.00	11.00	1.00	2.00	2.00	
109	9.00	3.00	7.00	3.00	2.00	1.00	Player
110	22.00	.00	10.00	.	2.00	2.00	
111	8.00	.	8.00	.	2.00	1.00	Player
112	14.00	10.00	12.00	2.00	2.00	2.00	
113	4.00	1.00	1.00	9.00	2.00	1.00	O/C
114	19.00	.	3.00	11.00	2.00	2.00	
115	26.00	2.00	1.00	2.00	1.00	2.00	
116	18.00	7.00	4.00	.	1.00	1.00	O/C
117	22.00	.	4.00	.	1.00	2.00	
118	24.00	.	14.00	.	1.00	1.00	Player
119	9.00	6.00	9.00	6.00	2.00	2.00	
120	20.00	8.00	3.00	6.00	2.00	2.00	

	amnio	eng	eod	chem	maint	pol	ca	med	rear
97	No	No	No	No	Yes	No	No	No	No
98	No	No	No	No	Yes	No	No	No	No
99	No	No	No	No	No	No	No	No	No
100	No	No	No	No	No	No	No	No	No
101	No	No	No	No	No	No	No	No	No
102	No	No	No	Yes	Yes	No	No	No	No
103	No	No	No	No	No	No	No	No	No
104	No	No	No	No	No	No	No	No	No
105	No	No	No	No	No	No	No	No	No
106	No	No	No	No	No	No	No	No	No
107	No	No	No	No	No	No	No	No	No
108	No	No	No	No	No	No	No	No	No
109	No	No	No	No	Yes	Yes	No	No	No
110	No	No	No	No	No	Yes	No	No	No
111	No	No	No	No	No	No	No	No	No
112	No	No	No	No	No	No	No	No	No
113	No	No	No	Yes	No	No	No	No	No
114	No	No	No	No	No	No	No	No	No
115	No	No	No	No	No	No	No	No	No
116	No	No	No	No	Yes	No	No	No	No
117	No	No	No	No	No	No	Yes	No	No
118	Yes	No	No	No	Yes	Yes	Yes	No	Yes
119	No	No	No	No	No	No	No	No	No
120	No	No	No	No	No	No	No	No	No

	trans	tacts	signal	fldsvs	mip	pa	graves	pers	airopa
97	No	No	Yes	No	No	No	No	No	No
98	No	No	No	No	No	No	No	No	No
99	Yes	No	No	No	No	No	No	No	No
100	Yes	No	No	No	No	No	No	No	No
101	Yes	No	No	No	No	No	No	No	No
102	Yes	No	No	No	No	No	No	No	No
103	Yes	No	No	No	No	No	No	No	No
104	Yes	No	No	No	No	No	No	No	No
105	Yes	No	No	Yes	No	No	Yes	No	No
106	Yes	No	No	No	No	No	No	No	No
107	Yes	No	No	No	No	No	No	No	No
108	Yes	No	No	No	No	No	No	No	No
109	No	No	No	No	No	No	No	No	No
110	Yes	No	No	No	No	No	Yes	No	No
111	Yes	No	No	No	No	No	No	No	No
112	Yes	No	No	No	No	No	No	No	No
113	Yes	No	No	No	No	No	No	No	No
114	Yes	No	No	No	No	No	No	No	No
115	Yes	No	No	No	No	No	No	No	No
116	No	No	No	No	No	No	No	No	No
117	No	No	No	No	No	No	No	No	No
118	Yes	No	No	Yes	No	Yes	No	No	No
119	Yes	No	No	No	No	No	No	No	No
120	Yes	No	No	No	No	No	No	No	No

	supply	chap	other	function	pii01	pii02	pii03	pii04
97	Yes	No	No	Maintenance	Somewhat Disagree	Agree	Agree	Somewhat Agree
98	No	No	No	Maintenance	Somewhat Agree	Agree	Agree	Agree
99	No	No	No	Transportation	Somewhat Disagree	Strongly Agree	Somewhat Agree	Somewhat Agree
100	No	No	No	Transportation	Somewhat Disagree	Agree	Somewhat Disagree	Somewhat Disagree
101	No	No	No	Transportation	Strongly Disagree	Strongly Agree	Agree	Somewhat Disagree
102	No	No	No	Transportation	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
103	No	No	No	Transportation	Somewhat Agree	Agree	Agree	Strongly Agree
104	No	No	No	Transportation	Agree	Strongly Agree	Strongly Agree	Strongly Agree
105	Yes	No	No	Transportation	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree
106	No	No	No	Transportation	Somewhat Agree	Agree	Somewhat Agree	Somewhat Agree
107	No	No	No	Transportation	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree
108	No	No	No	Transportation	Disagree	Somewhat Agree	Agree	Somewhat Agree
109	Yes	No	No	Transportation	Somewhat Disagree	Disagree	Somewhat Agree	Agree
110	No	No	No	Transportation	Somewhat Agree	Agree	Agree	Somewhat Agree
111	No	No	No	Transportation	Disagree	Agree	Somewhat Agree	Somewhat Agree
112	No	No	No	Transportation	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Disagree
113	No	No	No	Transportation	Disagree		Agree	
114	No	No	No	Transportation	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
115	No	No	No	Observer/Controlle	Agree	Somewhat Agree	Somewhat Disagree	Strongly Agree
116	Yes	No	No	Maintenance	Disagree	Somewhat Disagree	Somewhat Agree	Disagree
117	No	No	No	Civil Mil Ops	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
118	Yes	No	No	Civil Mil Ops	Strongly Disagree	Agree		Disagree
119	No	No	No	Transportation	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
120	No	No	No	Transportation	Somewhat Disagree	Agree	Somewhat Agree	Agree

	pii05	pii06	pii07	pii08	pii09	pii10	pii11
97	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Disagree
98	Somewhat Disagree		Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
99	Strongly Disagree	Strongly Agree	Strongly Disagree	Strongly Disagree	Strongly Agree	Strongly Agree	Strongly Agree
100	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Strongly Agree
101	Disagree	Agree	Strongly Disagree	Somewhat Agree	Agree	Agree	Somewhat Agree
102	Disagree	Agree	Strongly Agree	Somewhat Agree	Disagree	Strongly Disagree	Strongly Agree
103	Strongly Disagree		Strongly Agree	Strongly Disagree	Agree	Agree	Agree
104	Disagree		Strongly Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Disagree
105	Disagree	Agree		Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
106	Disagree	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Disagree
107	Somewhat Disagree	Somewhat Agree	Strongly Agree	Agree	Agree	Somewhat Agree	Somewhat Agree
108	Disagree	Disagree	Strongly Agree	Disagree	Disagree	Disagree	Agree
109	Disagree	Agree	Strongly Agree	Disagree	Somewhat Disagree	Disagree	Agree
110	Disagree	Somewhat Disagree	Agree	Somewhat Agree	Agree	Somewhat Agree	Disagree
111	Disagree	Disagree	Strongly Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree
112	Somewhat Agree	Somewhat Agree	Strongly Disagree	Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
113	Disagree		Strongly Agree	Somewhat Disagree	Agree	Agree	Agree
114	Somewhat Agree	Somewhat Agree	Strongly Agree	Disagree	Disagree	Disagree	Agree
115	Strongly Disagree	Strongly Agree	Somewhat Agree	Disagree	Disagree	Disagree	Disagree
116	Somewhat Agree	Strongly Agree	Agree	Somewhat Agree	Somewhat Disagree	Agree	Agree
117	Strongly Disagree	Somewhat Agree	Somewhat Agree	Agree	Disagree	Somewhat Disagree	Agree
118	Strongly Disagree	Agree	Somewhat Disagree	Strongly Disagree	Strongly Disagree		Agree
119	Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree
120	Disagree	Agree	Agree	Agree	Agree	Somewhat Disagree	Agree

	pii12	pii13	pii14	pii15	pii16	pii17	pii18
97	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Agree	Somewhat Disagree
98	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Agree	Agree	Somewhat Disagree
99	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Disagree	Strongly Agree	Agree	Strongly Agree
100	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
101	Agree	Agree	Strongly Disagree	Strongly Agree	Strongly Agree	Disagree	Strongly Disagree
102	Agree	Somewhat Agree	Agree	Somewhat Agree	Disagree	Somewhat Agree	Disagree
103	Somewhat Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Strongly Disagree	Strongly Agree	Disagree
104	Agree	Somewhat Disagree	Agree	Strongly Agree	Agree	Disagree	Somewhat Disagree
105	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
106	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Disagree	Somewhat Disagree
107	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Disagree
108	Disagree	Disagree	Strongly Disagree	Somewhat Agree	Somewhat Disagree	Strongly Agree	Disagree
109	Strongly Agree	Strongly Agree	Somewhat Agree	Agree	Somewhat Disagree	Disagree	Strongly Disagree
110	Agree	Agree	Somewhat Disagree	Strongly Agree	Agree	Somewhat Agree	Somewhat Disagree
111	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
112	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Agree	Agree	Disagree	Disagree
113	Somewhat Agree				Somewhat Agree	Somewhat Agree	Disagree
114	Disagree	Disagree	Strongly Disagree	Somewhat Disagree	Strongly Disagree	Agree	Agree
115	Agree	Agree	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Agree	Disagree
116	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree
117	Strongly Disagree	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Disagree	Somewhat Agree	Disagree
118			Somewhat Agree	Somewhat Agree	Disagree		Disagree
119	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Agree	Disagree
120	Somewhat Disagree	Disagree	Somewhat Disagree	Agree	Agree	Somewhat Disagree	Strongly Disagree

	pii19	pii20	pii21	pii22	pii23	pii24	pii25
97	Somewhat Disagree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree
98	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
99	Strongly Disagree	Strongly Agree	Strongly Disagree	Strongly Agree	Agree	Somewhat Agree	Strongly Disagree
100	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree
101	Agree	Disagree	Disagree	Agree	Strongly Agree	Somewhat Agree	Strongly Disagree
102	Somewhat Agree	Strongly Agree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
103	Agree	Agree	Strongly Agree	Agree	Somewhat Agree	Strongly Disagree	Disagree
104	Somewhat Agree	Strongly Disagree	Agree	Agree	Somewhat Disagree	Somewhat Agree	Strongly Agree
105	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
106	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree
107	Somewhat Disagree	Somewhat Disagree	Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
108	Strongly Disagree	Agree	Somewhat Disagree	Disagree	Disagree	Agree	Somewhat Disagree
109	Somewhat Agree	Agree	Somewhat Agree	Disagree	Agree	Somewhat Disagree	Disagree
110	Agree	Disagree	Agree	Agree	Agree	Disagree	Disagree
111	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Disagree	Disagree
112	Agree	Agree	Somewhat Disagree	Somewhat Disagree	Agree	Disagree	Disagree
113	Agree	Somewhat Agree		Strongly Disagree	Agree	Disagree	Disagree
114	Somewhat Agree	Agree	Somewhat Agree	Agree	Agree	Agree	Agree
115	Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
116	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree
117	Disagree	Strongly Agree	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Disagree
118	Disagree	Agree	Disagree	Disagree	Somewhat Disagree	Agree	Somewhat Disagree
119	Somewhat Agree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Disagree
120	Somewhat Agree	Agree	Agree	Agree	Somewhat Disagree	Agree	Disagree

	pii26	pii27	pii28	pii29	pii30	pii31	pii32
97	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Agree	Somewhat Disagree
98	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree	Somewhat Disagree
99	Strongly Agree	Agree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree	Strongly Agree	Strongly Agree
100	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree
101	Strongly Disagree	Strongly Disagree	Disagree	Strongly Agree	Strongly Disagree	Strongly Agree	Strongly Disagree
102	Strongly Disagree	Agree	Disagree	Agree	Somewhat Disagree	Somewhat Agree	Strongly Disagree
103	Strongly Agree	Agree		Disagree	Agree	Strongly Disagree	Strongly Disagree
104	Somewhat Agree	Disagree	Somewhat Agree	Somewhat Agree	Disagree	Strongly Disagree	Somewhat Agree
105	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree	Somewhat Agree	Agree
106	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Disagree
107	Agree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Agree	Disagree	Somewhat Disagree
108	Disagree	Disagree	Somewhat Agree	Agree	Disagree	Strongly Disagree	Strongly Disagree
109	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Agree	Agree
110	Disagree	Agree	Somewhat Agree	Somewhat Disagree	Disagree	Disagree	Disagree
111	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Disagree	Disagree	Agree
112	Somewhat Disagree	Agree	Somewhat Agree	Disagree		Somewhat Disagree	Strongly Disagree
113	Disagree	Somewhat Agree		Disagree			Disagree
114	Somewhat Agree	Somewhat Agree	Disagree	Agree			Disagree
115	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Strongly Agree
116	Somewhat Disagree	Agree	Somewhat Agree	Agree	Somewhat Disagree	Disagree	Agree
117	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
118	Disagree	Disagree		Agree	Agree		Disagree
119	Disagree	Somewhat Disagree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Disagree
120	Disagree	Agree	Agree	Somewhat Agree	Strongly Disagree	Agree	Somewhat Disagree

	pii33	pii34
97	Agree	Agree
98	Somewhat Disagree	Somewhat Disagree
99	Strongly Agree	Somewhat Agree
100	Somewhat Disagree	Disagree
101	Disagree	Agree
102	Agree	Somewhat Agree
103	Strongly Agree	Agree
104	Agree	Strongly Agree
105	Somewhat Agree	Somewhat Agree
106	Somewhat Agree	Somewhat Agree
107	Agree	Somewhat Agree
108	Somewhat Disagree	Somewhat Agree
109	Agree	Somewhat Agree
110	Somewhat Agree	Strongly Agree
111	Somewhat Disagree	Somewhat Disagree
112	Somewhat Agree	Somewhat Agree
113	Disagree	Disagree
114	Somewhat Agree	Somewhat Agree
115	Agree	Agree
116	Somewhat Agree	Somewhat Agree
117	Somewhat Agree	Somewhat Agree
118	Disagree	Disagree
119	Somewhat Agree	Somewhat Agree
120	Somewhat Agree	Agree

	case	date	rank	class	macom	mos	comp
121	121.00	15-JUN-93	MAJ	Field Grade	OTHER	Fin	Active
122	122.00	15-JUN-93	CPT	Company Grade		JAG	Reserve
123	123.00	16-JUN-93	LTC	Field Grade	FORSCOM	Trans	Reserve
124	124.00	15-JUN-93	LTC	Field Grade	OTHER	Trans	Reserve
125	125.00	15-JUN-93	LTC	Field Grade	TRADOC	Chap	Active
126	126.00	15-JUN-93	CPT	Company Grade	TRADOC	Av	Active
127	127.00	15-JUN-93	CPT	Company Grade	TRADOC	Acquis	Active
128	128.00	15-JUN-93	SFC	NCO	TRADOC	95B	Active
129	129.00	15-JUN-93	MAJ	Field Grade	TRADOC	M P	Active
130	130.00	15-JUN-93	LTC	Field Grade	USACAPOC	C A	Reserve
131	131.00	16-JUN-93	LTC	Field Grade	TAACOM	Ord	Guard
132	132.00	15-JUN-93	CPT	Company Grade	TRADOC	AG	Active
133	133.00	15-JUN-93	LTC	Field Grade	TRADOC	Ord	Active

	servyear	servmont	funcyear	funcmont	cssstssck	logex	role
121	15.00	1.00	5.00	.	2.00	2.00	
122	6.00	6.00	6.00	6.00	1.00	1.00	Player
123	23.00	6.00	8.00	6.00	1.00	1.00	O/C
124	23.00	8.00	23.00	8.00	2.00	1.00	O/C
125	21.00	4.00	11.00	.	2.00	1.00	Player
126	11.00	8.00	6.00	3.00	2.00	1.00	Player
127	21.00	2.00	6.00	.	2.00	2.00	
128	18.00	6.00	18.00	6.00	1.00	1.00	Player
129	18.00	11.00	18.00	11.00	2.00	1.00	Player
130	23.00	.	21.00	.	2.00	1.00	O/C
131	33.00	8.00	4.00	2.00	2.00	1.00	Player
132	8.00	1.00	6.00	.	1.00	2.00	
133	20.00	6.00	15.00	.	2.00	1.00	Player

	ammo	eng	cod	chem	maint	pol	ca	med	rear
121	No	No	No	No	No	No	No	No	No
122	No	No	No	No	No	No	No	No	No
123	No	No	No	No	No	No	No	No	No
124	No	No	No	No	No	No	No	No	No
125	No	No	No	No	No	No	No	No	No
126	No	No	No	No	Yes	No	No	No	No
127	No	No	No	No	No	No	No	No	No
128	No	No	No	No	No	No	No	No	No
129	No	No	No	No	No	No	No	No	No
130	No	No	No	No	No	No	Yes	No	No
131	No	No	No	No	Yes	No	No	No	No
132	No	No	No	No	No	No	No	No	No
133	No	No	No	No	Yes	No	No	No	No

	trans	tacts	signal	fldsvs	mp	pa	graves	pers	airops
121	No	No	No	No	No	Yes	No	No	No
122	No	No	No	No	No	No	No	No	No
123	Yes	No	No	No	No	No	No	No	No
124	Yes	No	No	No	No	No	No	No	No
125	No	No	No	No	No	No	No	No	No
126	No	No	No	No	No	No	No	No	No
127	No	No	Yes	No	No	No	No	No	No
128	No	No	No	No	Yes	No	No	No	No
129	No	No	No	No	Yes	No	No	No	No
130	No	No	No	No	No	No	No	No	No
131	No	No	No	No	No	No	No	No	No
132	No	No	No	No	No	No	No	Yes	No
133	No	No	No	No	No	No	No	No	No

	supply	chap	other	function	pii01	pii02	pii03	pii04
121	No	No	No	PSS	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree
122	No	No	Yes	PSS	Disagree	Agree	Somewhat Agree	Disagree
123	No	No	No	Transportation	Disagree	.	Disagree	Disagree
124	No	No	No	Transportation	Strongly Disagree	Somewhat Agree	Agree	Agree
125	No	Yes	No	PSS	Strongly Disagree	.	.	.
126	No	No	No	Maintenance	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Strongly Agree
127	No	No	No	Signal	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree
128	No	No	No	MP/CID	Somewhat Agree	Somewhat Agree	Agree	Agree
129	No	No	No	MP/CID	Somewhat Agree	.	Somewhat Agree	Agree
130	No	No	No	Civil Mil Ops	.	.	.	.
131	Yes	No	No	Supply	Strongly Disagree	Agree	Agree	Strongly Disagree
132	No	No	No	PSS	Somewhat Disagree	.	Agree	Somewhat Agree
133	No	No	No	Maintenance	Somewhat Disagree	Somewhat Agree	.	Disagree

	pii05	pii06	pii07	pii08	pii09	pii10	pii11
121	Strongly Agree	Somewhat Agree	Agree	Somewhat Disagree	Disagree	Disagree	Somewhat Agree
122	Agree	Agree	Somewhat Agree	Somewhat Disagree	Disagree	Disagree	Somewhat Agree
123	Somewhat Agree		Strongly Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Agree
124	Strongly Disagree	Disagree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Disagree
125	Strongly Disagree		Strongly Disagree	Strongly Disagree	Strongly Agree	Strongly Disagree	Agree
126	Disagree	Somewhat Agree	Somewhat Agree	Agree	Agree	Agree	Somewhat Disagree
127	Disagree	Agree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree
128	Disagree	Agree	Somewhat Agree	Agree	Agree	Somewhat Agree	Disagree
129	Somewhat Disagree	Agree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Agree
130			Strongly Agree	Somewhat Disagree	Disagree	Disagree	Strongly Agree
131	Somewhat Agree	Agree	Strongly Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
132	Somewhat Agree	Agree		Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree
133	Somewhat Agree		Somewhat Agree	Somewhat Agree	Agree	Agree	Strongly Agree

	pii12	pii13	pii14	pii15	pii16	pii17	pii18
121	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree	Somewhat Disagree	Disagree
122	Disagree	Disagree	Disagree	Disagree	Disagree	Somewhat Agree	Disagree
123	Agree	Agree	Somewhat Agree	Somewhat Agree	Disagree	Disagree	Disagree
124	Agree	Agree		Strongly Agree	Strongly Agree	Strongly Disagree	Strongly Disagree
125							
126	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree	Agree	Disagree
127	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree
128	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree
129	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree
130						Agree	
131	Somewhat Disagree	Disagree		Agree	Strongly Disagree	Strongly Disagree	Somewhat Disagree
132	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Somewhat Agree	Strongly Agree	Somewhat Disagree
133	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Disagree

	pii19	pii20	pii21	pii22	pii23	pii24	pii25
121	Disagree	Agree	Agree	Somewhat Disagree	Somewhat Disagree	Agree	Somewhat Disagree
122	Disagree	Agree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
123	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Agree	Disagree
124	Strongly Agree	Strongly Disagree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Disagree	Strongly Disagree
125	Strongly Disagree	Strongly Agree	Strongly Disagree	Strongly Disagree		Strongly Disagree	
126	Somewhat Agree	Somewhat Agree	Disagree	Somewhat Disagree	Somewhat Agree	Somewhat Disagree	Disagree
127	Disagree	Somewhat Agree	Agree	Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
128	Agree	Disagree	Agree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree
129	Somewhat Agree	Agree	Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree
130	Somewhat Agree		Agree	Disagree		Agree	
131	Somewhat Agree	Agree	Disagree	Disagree	Somewhat Disagree	Somewhat Disagree	Strongly Disagree
132	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Agree	Strongly Disagree	Somewhat Agree	Somewhat Disagree
133	Agree	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Disagree

	pii26	pii27	pii28	pii29	pii30	pii31	pii32
121	Somewhat Disagree	Disagree	Somewhat Disagree	Strongly Agree	Somewhat Disagree	Disagree	Strongly Disagree
122	Disagree	Somewhat Disagree	Strongly Disagree	Strongly Agree	Agree	Somewhat Disagree	Strongly Disagree
123	Somewhat Agree	Somewhat Disagree	Agree	Somewhat Disagree	Disagree	Somewhat Agree	Strongly Disagree
124	Strongly Agree	Strongly Agree	Strongly Agree		Strongly Disagree	Somewhat Agree	Strongly Agree
125	Strongly Disagree	Strongly Disagree		Strongly Agree	Strongly Disagree	Agree	Strongly Disagree
126	Somewhat Disagree	Somewhat Agree	Strongly Disagree	Disagree	Disagree	Somewhat Agree	Strongly Disagree
127	Somewhat Disagree	Somewhat Agree	Somewhat Agree	Somewhat Agree	Somewhat Disagree	Disagree	Strongly Disagree
128	Somewhat Disagree	Agree	Somewhat Agree	Somewhat Disagree	Somewhat Disagree	Somewhat Agree	Agree
129	Agree	Somewhat Agree	Strongly Disagree	Somewhat Disagree	Somewhat Disagree	Somewhat Disagree	Agree
130		Strongly Disagree	Somewhat Agree	Somewhat Agree	Strongly Agree	Strongly Disagree	Strongly Disagree
131	Strongly Disagree	Disagree	Disagree	Strongly Agree	Somewhat Disagree	Strongly Disagree	Strongly Disagree
132	Somewhat Agree	Strongly Disagree	Somewhat Agree	Somewhat Disagree			Strongly Disagree
133		Somewhat Agree	Agree	Disagree	Disagree	Somewhat Agree	Disagree

	pii33	pii34
121	Disagree	Somewhat Disagree
122	Strongly Disagree	Somewhat Agree
123	Somewhat Disagree	Somewhat Agree
124	Strongly Agree	Agree
125	Strongly Disagree	Somewhat Agree
126	Somewhat Agree	Somewhat Disagree
127	Somewhat Agree	Somewhat Disagree
128	Somewhat Disagree	Somewhat Agree
129	Somewhat Agree	Somewhat Agree
130	Strongly Disagree	Strongly Disagree
131	Somewhat Agree	Somewhat Agree
132	Somewhat Agree	Somewhat Agree
133	Agree	Somewhat Agree

APPENDIX D
CSSTSS STATISTICAL RESULTS

COMP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Active	1.00	69	51.9	52.3	52.3
Reserve	2.00	47	35.3	35.6	87.9
Guard	3.00	16	12.0	12.1	100.0
.	.	1	.8	Missing	
Total		133	100.0	100.0	

Valid cases 132 Missing cases 1

MOS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
		3	2.3	2.3	2.3
00Z		1	.8	.8	3.0
38A		1	.8	.8	3.8
54B		1	.8	.8	4.5
55X		1	.8	.8	5.3
63Z		2	1.5	1.5	6.8
71L		1	.8	.8	7.5
76J		1	.8	.8	8.3
76P		1	.8	.8	9.0
77F		2	1.5	1.5	10.5
77L		1	.8	.8	11.3
77W		2	1.5	1.5	12.8
88N		2	1.5	1.5	14.3
91B		1	.8	.8	15.0
91C		1	.8	.8	15.8
92A		1	.8	.8	16.5
95B		1	.8	.8	17.3
Acquis		1	.8	.8	18.0
AG		2	1.5	1.5	19.5
Armor		1	.8	.8	20.3
Av		3	2.3	2.3	22.6
C A		7	5.3	5.3	27.8
CA		1	.8	.8	28.6
Chap		1	.8	.8	29.3
Chem		2	1.5	1.5	30.8
Engr		3	2.3	2.3	33.1
Fin		2	1.5	1.5	34.6
JAG		2	1.5	1.5	36.1
M P		2	1.5	1.5	37.6
Med		8	6.0	6.0	43.6
Ord		24	18.0	18.0	61.7
Q M		23	17.3	17.3	78.9
Signal		2	1.5	1.5	80.5
Trans		26	19.5	19.5	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

RANK

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent

1LT	4	3.0	3.0	3.0
2LT	1	.8	.8	3.8
COL	7	5.3	5.3	9.0
CPT	51	38.3	38.3	47.4
CEN	1	.8	.8	48.1
LTC	19	14.3	14.3	62.4
MAJ	30	22.6	22.6	85.0
MSG	2	1.5	1.5	86.5
SFC	9	6.8	6.8	93.2
SGM	2	1.5	1.5	94.7
SGT	2	1.5	1.5	96.2
SSG	4	3.0	3.0	99.2
WO1	1	.8	.8	100.0

Total	133	100.0	100.0

Valid cases 133 Missing cases 0

MACOM

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
TRADOC	1.00	34	25.6	26.6	26.6
TRACOM	2.00	21	15.8	16.4	43.0
COSCOM	4.00	11	8.3	8.6	51.6
FORSCOM	5.00	22	16.5	17.2	68.8
USATRANSCOM	7.00	1	.8	.8	69.5
USACAPOC	9.00	12	9.0	9.4	78.9
CASCOM	13.00	4	3.0	3.1	82.0
OTHER	14.00	23	17.3	18.0	100.0
.	.	5	3.8	Missing	
Total		133	100.0	100.0	

Valid cases 128 Missing cases 5

LOGEX

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1.00	62	46.6	47.0	47.0
	2.00	70	52.6	53.0	100.0
	.	1	.8	Missing	
Total		133	100.0	100.0	

Valid cases 132 Missing cases 1

ROLE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
		73	54.9	54.9	54.9
O/C		22	16.5	16.5	71.4
Player		38	28.6	28.6	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

ANMO

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	12	9.0	9.0	9.0
No	2	121	91.0	91.0	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

ENG

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	6	4.5	4.5	4.5
No	2	127	95.5	95.5	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

ECG

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	2	1.5	1.5	1.5
No	2	131	98.5	98.5	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

CHEM

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	9	6.8	6.8	6.8
No	2	124	93.2	93.2	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

MAINT

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	29	21.8	21.8	21.8
No	2	104	78.2	78.2	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

POL

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	23	17.3	17.3	17.3
No	2	110	82.7	82.7	100.0
		-----	-----	-----	
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

CA

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	12	9.0	9.0	9.0
No	2	121	91.0	91.0	100.0
		-----	-----	-----	
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

MED

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	11	8.3	8.3	8.3
No	2	122	91.7	91.7	100.0
		-----	-----	-----	
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

REAR

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	2	1.5	1.5	1.5
No	2	131	98.5	98.5	100.0
		-----	-----	-----	
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

TRANS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	32	24.1	24.1	24.1
No	2	101	75.9	75.9	100.0
		-----	-----	-----	
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

TACTS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	6	4.5	4.5	4.5
No	2	127	95.5	95.5	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

SIGNAL

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	4	3.0	3.0	3.0
No	2	129	97.0	97.0	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

FLDSVS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	11	8.3	8.3	8.3
No	2	122	91.7	91.7	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

MP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	4	3.0	3.0	3.0
No	2	129	97.0	97.0	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

PA

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	3	2.3	2.3	2.3
No	2	130	97.7	97.7	100.0
	Total	133	100.0	100.0	

Valid cases 133 Missing cases 0

GRAVES

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent

Yes	1	5	3.8	3.8	3.8
No	2	128	96.2	96.2	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

PKRS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	9	6.8	6.8	6.8
No	2	124	93.2	93.2	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

AIROPS

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	3	2.3	2.3	2.3
No	2	130	97.7	97.7	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

SUPPLY

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	33	24.8	24.8	24.8
No	2	100	75.2	75.2	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

CHAP

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	1	.8	.8	.8
No	2	132	99.2	99.2	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

OTHER

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes	1	9	6.8	6.8	6.8
No	2	124	93.2	93.2	100.0

Total	133	100.0	100.0

Valid cases 133 Missing cases 0

FUNCTION

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Ammunition	1.00	7	5.3	5.3	5.3
Engineer	2.00	3	2.3	2.3	7.5
Chemical	4.00	2	1.5	1.5	9.0
Maintenance	5.00	16	12.0	12.0	21.1
POL	6.00	17	12.8	12.8	33.8
Civil Mil Ops	7.00	14	10.5	10.5	44.4
Medical	8.00	9	6.8	6.8	51.1
Transportation	10.00	29	21.8	21.8	72.9
Signal	12.00	2	1.5	1.5	74.4
MP/CID	14.00	2	1.5	1.5	75.9
PSS	17.00	7	5.3	5.3	81.2
Supply	19.00	17	12.8	12.8	94.0
Other	21.00	4	3.0	3.0	97.0
Observer/Controller	22.00	4	3.0	3.0	100.0
Total		133	100.0	100.0	

Valid cases 133 Missing cases 0

PII01 Replicates Wartime Procedures

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	10	7.5	7.9	7.9
Disagree	2	33	24.8	26.2	34.1
Somewhat Disagree	3	26	19.5	20.6	54.8
Somewhat Agree	4	40	30.1	31.7	86.5
Agree	5	17	12.8	13.5	100.0
	.	7	5.3	Missing	
Total		133	100.0	100.0	
Mean	3	Median	3	Mode	4
Range	4	Minimum	1	Maximum	5
Sum	399				

* Median is calculated from grouped data.

Valid cases 126 Missing cases 7

PII02 Easy to Operate

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	1	.8	.9	.9
Disagree	2	8	6.0	7.0	7.9
Somewhat Disagree	3	19	14.3	16.7	24.6
Somewhat Agree	4	31	23.3	27.2	51.8
Agree	5	40	30.1	35.1	86.8
Strongly Agree	6	15	11.3	13.2	100.0
	.	19	14.3	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	5
Range	5	Minimum	1	Maximum	6
Sum	488				

* Median is calculated from grouped data.

Valid cases 114 Missing cases 19

PII03 Reports Army Standard Format

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	5	2.3	2.5	2.5
Disagree	2	7	5.3	5.8	8.3
Somewhat Disagree	3	14	10.5	11.7	20.0
Somewhat Agree	4	48	36.1	40.0	60.0
Agree	5	41	30.8	34.2	94.2
Strongly Agree	6	7	5.3	5.8	100.0
	.	13	9.8	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	498				

* Median is calculated from grouped data.

Valid cases 120 Missing cases 13

PII04 Excellent Trainer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	5	3.8	4.1	4.1
Disagree	2	11	8.3	9.0	13.1
Somewhat Disagree	3	17	12.8	13.9	27.0
Somewhat Agree	4	46	34.6	37.7	64.8
Agree	5	31	23.3	25.4	90.2
Strongly Agree	6	12	9.0	9.8	100.0
	.	11	8.3	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	489				

* Median is calculated from grouped data.

Valid cases 122 Missing cases 11

PII05 Little Training Value

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	22	16.5	17.2	17.2
Disagree	2	35	26.3	27.3	44.5
Somewhat Disagree	3	31	23.3	24.2	68.8
Somewhat Agree	4	25	18.8	19.5	88.3
Agree	5	10	7.5	7.8	96.1
Strongly Agree	6	5	3.8	3.9	100.0
	.	5	3.8	Missing	
Total		133	100.0	100.0	
Mean	3	Median	3	Mode	2
Range	5	Minimum	1	Maximum	6
Sum	365				

* Median is calculated from grouped data.

Valid cases 128 Missing cases 5

PII06 Spot/Alert Reports Tailorable

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	1	.8	1.0	1.0
Disagree	2	9	6.8	8.9	9.9
Somewhat Disagree	3	12	9.0	11.9	21.8
Somewhat Agree	4	35	26.3	34.7	56.4
Agree	5	37	27.8	36.6	93.1
Strongly Agree	6	7	5.3	6.9	100.0
	.	32	24.1	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	5
Range	5	Minimum	1	Maximum	6
Sum	422				

* Median is calculated from grouped data.

Valid cases 101 Missing cases 32

P1107 Prior CSSTSS Training Inadequate

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	11	8.3	9.2	9.2
Disagree	2	15	11.3	12.5	21.7
Somewhat Disagree	3	8	6.0	6.7	28.3
Somewhat Agree	4	14	10.5	11.7	40.0
Agree	5	29	21.8	24.2	64.2
Strongly Agree	6	43	32.3	35.8	100.0
	.	13	9.8	Missing	
	Total	133	100.0	100.0	

Mean 4 Median 5 Mode 6
Range 5 Minimum 1 Maximum 6
Sum 524

* Median is calculated from grouped data.

Valid cases 120 Missing cases 13

P1108 Realistic Doctrinal Representation

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	19	14.3	15.1	15.1
Disagree	2	22	16.5	17.5	32.5
Somewhat Disagree	3	24	18.0	19.0	51.6
Somewhat Agree	4	41	30.8	32.5	84.1
Agree	5	19	14.3	15.1	99.2
Strongly Agree	6	1	.8	.8	100.0
	.	7	5.3	Missing	
	Total	133	100.0	100.0	

Mean 3 Median 3 Mode 4
Range 5 Minimum 1 Maximum 6
Sum 400

* Median is calculated from grouped data.

Valid cases 126 Missing cases 7

P1109 Appropriate Event Sequencing

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	7.2	7.2
Disagree	2	20	15.0	16.0	23.2
Somewhat Disagree	3	17	12.8	13.6	36.8
Somewhat Agree	4	43	32.3	34.4	71.2
Agree	5	33	24.8	26.4	97.6
Strongly Agree	6	3	2.3	2.4	100.0
	.	8	6.0	Missing	
	Total	133	100.0	100.0	

Mean 4 Median 4 Mode 4
Range 5 Minimum 1 Maximum 6
Sum 455

* Median is calculated from grouped data.

Valid cases 125 Missing cases 8

PII10 Appropriate Time between Events

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	11	8.3	8.7	8.7
Disagree	2	25	18.8	19.8	28.6
Somewhat Disagree	3	24	18.0	19.0	47.6
Somewhat Agree	4	37	27.8	29.4	77.0
Agree	5	27	20.3	21.4	98.4
Strongly Agree	6	2	1.5	1.6	100.0
.	.	7	5.3	Missing	
Total		133	100.0	100.0	
Mean	3	Median	3	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	428				

* Median is calculated from grouped data.

Valid cases 126 Missing cases 7

PII11 Info Fidelity Not Present

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	3	2.3	2.4	2.4
Disagree	2	18	13.5	14.3	16.7
Somewhat Disagree	3	17	12.8	13.5	30.2
Somewhat Agree	4	29	21.8	23.0	53.2
Agree	5	36	27.1	28.6	81.7
Strongly Agree	6	23	17.3	18.3	100.0
.	.	7	5.3	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	5
Range	5	Minimum	1	Maximum	6
Sum	524				

* Median is calculated from grouped data.

Valid cases 126 Missing cases 7

PII12 Request Procedures Appropriate

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	10	7.5	8.5	8.5
Disagree	2	16	12.0	13.6	22.0
Somewhat Disagree	3	26	19.5	22.0	44.1
Somewhat Agree	4	46	34.6	39.0	83.1
Agree	5	19	14.3	16.1	99.2
Strongly Agree	6	1	.8	.8	100.0
.	.	15	11.3	Missing	
Total		133	100.0	100.0	
Mean	3	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	405				

* Median is calculated from grouped data.

Valid cases 118 Missing cases 15

PII13 Resource Distribution Appropriate

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	7.6	7.6
Disagree	2	14	10.5	11.9	19.5
Somewhat Disagree	3	21	15.8	17.8	37.3
Somewhat Agree	4	52	39.1	44.1	81.4
Agree	5	21	15.8	17.8	99.2
Strongly Agree	6	1	.8	.8	100.0
	.	15	11.3	Missing	
Total		133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	419				

* Median is calculated from grouped data.

Valid cases 118 Missing cases 15

PII14 Replicated Airland Battle Doctrine

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	7.9	7.9
Disagree	2	15	11.3	13.2	21.1
Somewhat Disagree	3	22	16.5	19.3	40.4
Somewhat Agree	4	52	39.1	45.6	86.0
Agree	5	16	12.0	14.0	100.0
	.	19	14.3	Missing	
Total		133	100.0	100.0	

Mean	3	Median	4	Mode	4
Range	4	Minimum	1	Maximum	5
Sum	393				

* Median is calculated from grouped data.

Valid cases 114 Missing cases 19

PII15 Summary Reports Friendly

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	3	2.3	2.5	2.5
Disagree	2	8	6.0	6.8	9.3
Somewhat Disagree	3	14	10.5	11.9	21.2
Somewhat Agree	4	45	33.8	38.1	59.3
Agree	5	35	26.3	29.7	89.0
Strongly Agree	6	13	9.8	11.0	100.0
	.	15	11.3	Missing	
Total		133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	494				

* Median is calculated from grouped data.

Valid cases 118 Missing cases 15

PII16 Information Timeliness

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	7.5	7.5
Disagree	2	18	13.5	15.0	22.5
Somewhat Disagree	3	19	14.3	15.8	38.3
Somewhat Agree	4	40	30.1	33.3	71.7
Agree	5	27	20.3	22.5	94.2
Strongly Agree	6	7	5.3	5.8	100.0
	.	13	9.8	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	439				

* Median is calculated from grouped data.

Valid cases 120 Missing cases 13

PII17 CSSTSS Info Not Accurate

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	3	2.3	2.5	2.5
Disagree	2	25	18.8	21.2	23.7
Somewhat Disagree	3	32	24.1	27.1	50.8
Somewhat Agree	4	26	19.5	22.0	72.9
Agree	5	19	14.3	16.1	89.0
Strongly Agree	6	13	9.8	11.0	100.0
	.	15	11.3	Missing	
Total		133	100.0	100.0	
Mean	4	Median	4	Mode	3
Range	5	Minimum	1	Maximum	6
Sum	426				

* Median is calculated from grouped data.

Valid cases 118 Missing cases 15

PII18 Information Overload

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	14	10.5	11.4	11.4
Disagree	2	51	38.3	41.5	52.8
Somewhat Disagree	3	40	30.1	32.5	85.4
Somewhat Agree	4	11	8.3	8.9	94.3
Agree	5	4	3.0	3.3	97.6
Strongly Agree	6	3	2.3	2.4	100.0
	.	10	7.5	Missing	
Total		133	100.0	100.0	
Mean	3	Median	2	Mode	2
Range	5	Minimum	1	Maximum	6
Sum	318				

* Median is calculated from grouped data.

Valid cases 123 Missing cases 10

PII19 Functional Area Interface Correct

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	7.4	7.4
Disagree	2	17	12.8	14.0	21.5
Somewhat Disagree	3	22	16.5	18.2	39.7
Somewhat Agree	4	46	34.6	38.0	77.7
Agree	5	25	18.8	20.7	98.3
Strongly Agree	6	2	1.5	1.7	100.0
	.	12	9.0	Missing	
	Total	133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	430				

* Median is calculated from grouped data.

Valid cases 121 Missing cases 12

PII20 Info Fidelity Not Present

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	3	2.3	2.5	2.5
Disagree	2	17	12.8	13.9	16.4
Somewhat Disagree	3	33	24.8	27.0	43.4
Somewhat Agree	4	25	18.8	20.5	63.9
Agree	5	33	24.8	27.0	91.0
Strongly Agree	6	11	8.3	9.0	100.0
	.	11	8.3	Missing	
	Total	133	100.0	100.0	

Mean	4	Median	4	Mode	3
Range	5	Minimum	1	Maximum	6
Sum	467				

* Median is calculated from grouped data.

* Multiple modes exist. The smallest value is shown.

Valid cases 122 Missing cases 11

PII21 Training Objectives Met

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	10	7.5	8.3	8.3
Disagree	2	13	9.8	10.7	19.0
Somewhat Disagree	3	11	8.3	9.1	28.1
Somewhat Agree	4	52	39.1	43.0	71.1
Agree	5	29	21.8	24.0	95.0
Strongly Agree	6	6	4.5	5.0	100.0
	.	12	9.0	Missing	
	Total	133	100.0	100.0	

Mean	4	Median	4	Mode	4

Range	5	Minimum	1	Maximum	6
Sum	458				

* Median is calculated from grouped data.

Valid cases 121 Missing cases 12

PII22 Information Situation Control

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	12	9.0	9.7	9.7
Disagree	2	21	15.8	16.9	26.6
Somewhat Disagree	3	24	18.0	19.4	46.0
Somewhat Agree	4	33	24.8	26.6	72.6
Agree	5	29	21.8	23.4	96.0
Strongly Agree	6	5	3.8	4.0	100.0
.	.	9	6.8	Missing	
Total		133	100.0	100.0	

Mean	3	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	433				

* Median is calculated from grouped data.

Valid cases 124 Missing cases 9

PII23 Accurate Data Produced

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	6	4.5	5.0	5.0
Disagree	2	10	7.5	8.4	13.4
Somewhat Disagree	3	33	24.8	27.7	41.2
Somewhat Agree	4	43	32.3	36.1	77.3
Agree	5	25	18.8	21.0	98.3
Strongly Agree	6	2	1.5	1.7	100.0
.	.	14	10.5	Missing	
Total		133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	434				

* Median is calculated from grouped data.

Valid cases 119 Missing cases 14

PII24 Execution Procedures Not Present

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	5	3.8	4.2	4.2
Disagree	2	15	11.3	12.6	16.8
Somewhat Disagree	3	30	22.6	25.2	42.0
Somewhat Agree	4	36	27.1	30.3	72.3
Agree	5	27	20.3	22.7	95.0
Strongly Agree	6	6	4.5	5.0	100.0
.	.	14	10.5	Missing	
Total		133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	440				

* Median is calculated from grouped data.

Valid cases 119 Missing cases 14

PII25 Report Fidelity Excessive

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	7.6	7.6
Disagree	2	38	28.6	32.2	39.8
Somewhat Disagree	3	50	37.6	42.4	82.2
Somewhat Agree	4	9	6.8	7.6	89.8
Agree	5	6	4.5	5.1	94.9
Strongly Agree	6	6	4.5	5.1	100.0
.		15	11.3	Missing	
Total		133	100.0	100.0	

Mean	3	Median	3	Mode	3
Range	5	Minimum	1	Maximum	6
Sum	337				

* Median is calculated from grouped data.

Valid cases 118 Missing cases 15

PII26 Tactical Fidelity Present

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	17	12.8	14.3	14.3
Disagree	2	24	18.0	20.2	34.5
Somewhat Disagree	3	28	21.1	23.5	58.0
Somewhat Agree	4	24	18.0	20.2	78.2
Agree	5	21	15.8	17.6	95.8
Strongly Agree	6	5	3.8	4.2	100.0
.		14	10.5	Missing	
Total		133	100.0	100.0	

Mean	3	Median	3	Mode	3
Range	5	Minimum	1	Maximum	6
Sum	380				

* Median is calculated from grouped data.

Valid cases 119 Missing cases 14

PII27 Function Doctrinally Represented

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	14	10.5	11.6	11.6
Disagree	2	17	12.8	14.0	25.6
Somewhat Disagree	3	29	21.8	24.0	49.6
Somewhat Agree	4	41	30.8	33.9	83.5
Agree	5	19	14.3	15.7	99.2
Strongly Agree	6	1	.8	.8	100.0
.		12	9.0	Missing	
Total		133	100.0	100.0	

Mean	3	Median	3	Mode	40
Range	5	Minimum	1	Maximum	60
Sum	400				

* Median is calculated from grouped data.

Valid cases 121 Missing cases 12

P1128 Status of Forces Doctrinally Correct

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	6.8	8.0	8.0
Disagree	2	16	12.0	14.3	22.3
Somewhat Disagree	3	20	15.0	17.9	40.2
Somewhat Agree	4	43	32.3	38.4	78.6
Agree	5	23	17.3	20.5	99.1
Strongly Agree	6	1	.8	.9	100.0
.	.	21	15.8	Missing	
Total		133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	394				

* Median is calculated from grouped data.

Valid cases 112 Missing cases 21

P1129 CSSTSS Not Realistic

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	2	1.5	1.7	1.7
Disagree	2	20	15.0	16.8	18.5
Somewhat Disagree	3	39	29.3	32.8	51.3
Somewhat Agree	4	27	20.3	22.7	73.9
Agree	5	19	14.3	16.0	89.9
Strongly Agree	6	12	9.0	10.1	100.0
.	.	14	10.5	Missing	
Total		133	100.0	100.0	

Mean	4	Median	4	Mode	3
Range	5	Minimum	1	Maximum	6
Sum	434				

* Median is calculated from grouped data.

Valid cases 119 Missing cases 14

P1130 Prior Training Not Useful

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	17	12.8	16.0	16.0
Disagree	2	27	20.3	25.5	41.5
Somewhat Disagree	3	32	24.1	30.2	71.7
Somewhat Agree	4	16	12.0	15.1	86.8
Agree	5	11	8.3	10.4	97.2
Strongly Agree	6	3	2.3	2.8	100.0
.	.	27	20.3	Missing	

		Total	133	100.0	100.0
Mean	3	Median	3	Mode	3
Range	5	Minimum	1	Maximum	6
Sum	304				

* Median is calculated from grouped data.

Valid cases 106 Missing cases 27

FII31 CSSTSS Training Appropriate

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	25	18.8	22.3	22.3
Disagree	2	26	19.5	23.2	45.5
Somewhat Disagree	3	19	14.3	17.0	62.5
Somewhat Agree	4	21	15.8	18.8	81.3
Agree	5	16	12.0	14.3	95.5
Strongly Agree	6	5	3.8	4.5	100.0
	.	21	15.8	Missing	
Total		133	100.0	100.0	

Mean	3	Median	3	Mode	2
Range	5	Minimum	1	Maximum	6
Sum	328				

* Median is calculated from grouped data.

Valid cases 112 Missing cases 21

FII32 Workload Fidelity Present

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	50	37.6	41.0	41.0
Disagree	2	23	17.3	18.9	59.8
Somewhat Disagree	3	18	13.5	14.8	74.6
Somewhat Agree	4	16	12.0	13.1	87.7
Agree	5	11	8.3	9.0	96.7
Strongly Agree	6	4	3.0	3.3	100.0
	.	11	8.3	Missing	
Total		133	100.0	100.0	

Mean	2	Median	2	Mode	1
Range	5	Minimum	1	Maximum	6
Sum	293				

* Median is calculated from grouped data.

Valid cases 122 Missing cases 11

FII33 Training Objectives Met

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	11	8.3	9.2	9.2
Disagree	2	16	12.0	13.3	22.5
Somewhat Disagree	3	19	14.3	15.8	38.3
Somewhat Agree	4	41	30.8	34.2	72.5
Agree	5	29	21.8	24.2	96.7
Strongly Agree	6	4	3.0	3.3	100.0
	.	13	9.8	Missing	

		Total	----- 133	----- 100.0	----- 100.0
Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	433				

* Median is calculated from grouped data.

Valid cases 120 Missing cases 13

PII34 Information Situation Control

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	8	6.0	6.6	6.6
Disagree	2	11	8.3	9.1	15.7
Somewhat Disagree	3	15	11.3	12.4	28.1
Somewhat Agree	4	48	36.1	39.7	67.8
Agree	5	29	21.8	24.0	91.7
Strongly Agree	6	10	7.5	8.3	100.0
	.	12	9.0	Missing	
	Total	133	100.0	100.0	

Mean	4	Median	4	Mode	4
Range	5	Minimum	1	Maximum	6
Sum	472				

* Median is calculated from grouped data.

Valid cases 121 Missing cases 12

----- FACTOR ANALYSIS -----

Analysis number 1 Listwise deletion of cases with missing values

Correlation Matrix:

	PII01	PII02	PII03	PII04	PII05	PII06	PII07	PII08	PII09	PII10	PII11	PII12
PII01	1.00000											
PII02	.09805	1.00000										
PII03	.20620	.24730	1.00000									
PII04	.62418	.11216	.16859	1.00000								
PII05	-.43743	-.32356	-.15535	-.52421	1.00000							
PII06	.21555	.14723	.11694	.18031	-.19242	1.00000						
PII07	.02402	-.43403	-.03634	-.04588	.36371	-.23908	1.00000					
PII08	.34936	.08946	.08750	.37352	-.42982	.04034	-.04339	1.00000				
PII09	.36355	.22036	.02032	.28120	-.29296	-.04144	-.21325	.27417	1.00000			
PII10	.30670	.29934	-.09415	.19464	-.21234	.11187	-.25463	.27971	.65112	1.00000		
PII11	-.30849	-.05302	-.09796	-.30992	.19097	.03418	.14442	-.16545	-.22251	-.07278	1.00000	
PII12	.30541	.09515	-.11616	.34017	-.26845	.27250	-.06255	.19836	.25268	.12401	-.28063	1.00000
PII13	.33178	-.08664	-.10131	.35952	-.12480	.22135	-.02836	.20570	.18311	.26638	-.22357	.79229
PII14	.36708	-.02309	.09998	.40070	.17446	.17786	-.02315	.41126	.04175	.13482	-.09417	.33713
PII15	.01204	.28073	.38082	.15098	-.28777	-.01850	.13614	.32993	.10623	-.00410	-.13301	.23552
PII16	.24725	.51747	.25611	.14463	-.33117	.21556	-.24865	.07253	.45919	.28785	-.14388	.25818
PII17	-.13601	.03507	-.06415	-.25632	.23599	-.01836	.15511	-.30757	-.23837	-.18742	.13356	-.30442
PII18	.04811	.17329	.15737	.07746	-.06071	.09567	-.13636	-.02863	.00732	.15222	.10139	-.17928
PII19	.31834	.09580	.09589	.35629	-.16832	.03455	.02992	.33723	.32054	.23853	-.25565	.39715
PII20	-.32839	.09836	-.25369	-.24602	.02024	-.00142	.11093	-.00355	-.23790	-.01296	.59567	-.22137
PII21	.51860	.08201	.12027	.49673	-.30721	.04685	.00659	.33065	.25335	.02680	-.19996	.45852
PII22	.42192	.30301	.32715	.36875	-.30139	.38309	-.29292	.21960	.38353	.24154	-.16616	.17374
PII23	.36729	.10637	.17509	.26248	-.37094	.29337	-.11432	.19203	.34910	.25930	-.13081	.43907
PII24	-.16139	.02266	-.23397	-.09376	.13758	.05330	.20055	-.08659	-.13290	.09436	.21823	-.01862
PII25	.14436	-.22995	.17625	.06713	.19798	-.00124	.11804	.02063	-.12222	-.20624	-.15733	.06011
PII26	.54482	.13959	.29371	.54187	-.42139	.28593	-.14930	.27438	.25870	.23486	-.19390	.16794
PII27	.50315	.16427	.17180	.41927	-.47070	.23132	.01087	.57834	.32687	.24149	-.01914	.18414
PII28	.52532	.20871	.25241	.44076	.37127	.16155	.01591	.20443	.32880	.21585	.00461	.22938
PII29	-.58479	-.13733	-.18046	-.50908	.52396	.02754	.22897	-.39819	-.48462	-.37148	.14905	-.11956
PII30	.13523	-.55891	-.37822	-.04761	.27490	-.07552	.31354	-.02584	-.12574	-.06988	-.05971	.10766
PII31	-.09682	.33508	.08657	.03515	-.26302	.23654	-.59558	.01406	.24843	.11038	-.13013	.14917
PII32	.40767	.02089	.11075	.26754	-.25461	.24037	-.04246	.09766	.09711	.25242	-.22126	.14022
PII33	.57000	.08263	.20065	.54492	-.55638	.11959	-.03407	.28941	.45510	.31436	-.06090	.23066
PII34	.22639	.15353	.25447	.23560	-.22490	.13970	.07154	-.00554	.19943	-.03019	-.09541	.09025

PII13 1.00000

----- FACTOR ANALYSIS -----

PII31	.18329	.14328	.11061	.39037	.26994	.08636	.00731	.11279	.33837
PII32	.01820	.03384	.12525	.05011	.27156	.16972	.44330	.06047	.05936
PII33	.00426	.30957	.02827	.05555	.01450	.13065	.02449	.02878	.30165
PII34	.40273	.21774	.23040	.31904	.46179	.12977	.00337	.14839	.03928
PII19	PII19	PII20	PII21	PII22	PII23	PII24	PII25	PII26	PII27
PII20	.00207								
PII21	.00004	.03279	.01706						
PII22	.03460	.04736	.06574	.00000					
PII23	.02472	.03187	.12683	.00000	.08147				
PII24	.08408	.00011	.17058	.37175	.42321	.21978			
PII25	.46261	.01805	.15932	.00000	.00371	.10797	.43235		
PII26	.20422	.48067	.00338	.00187	.02261	.09843	.14387	.00044	
PII27	.00033	.36790	.00000	.00273	.01776	.10333	.45226	.00369	.00018
PII28	.12465	.12354	.00002	.01245	.02929	.02218	.14269	.00014	.00000
PII29	.00062	.06057	.00003	.05922	.19010	.30485	.05339	.23814	.26020
PII30	.38507	.09725	.46336	.05922	.19010	.30485	.38939	.20177	.29880
PII31	.36072	.33067	.17327	.00515	.00228	.29682	.46780	.00000	.00361
PII32	.07395	.16051	.30556	.04091	.09924	.01568	.40254	.00000	.00000
PII33	.03802	.37872	.00002	.00146	.00223	.03767	.40254	.00000	.00000
PII34	.18723	.05371	.01619	.00001	.02210	.07775	.28260	.02647	.12266

PII34

PII33

PII32

PII31

PII30

PII29

PII28

PII28									
PII29	.00165								
PII30	.31376	.40593							
PII31	.42679	.26547	.00000						
PII32	.00717	.10519	.37194	.41690					
PII33	.00002	.00000	.05523	.07568	.00092				
PII34	.00864	.21517	.03483	.01918	.27426	.00006			

FACTOR ANALYSIS

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

Variable	Communality	Factor	Eigenvalue	Pct of Var	Cum Pct
PII01	1.00000	1	8.15285	24.0	24.0
PII02	1.00000	2	3.28409	9.7	33.6
PII03	1.00000	3	2.30968	6.8	40.4
PII04	1.00000	4	2.03815	6.0	46.4
PII05	1.00000	5	1.93579	5.7	52.1
PII06	1.00000	6	1.69394	5.0	57.1
PII07	1.00000	7	1.60516	4.7	61.8
PII08	1.00000	8	1.32598	3.9	65.7
PII09	1.00000	9	1.20456	3.5	69.3

PII07

.54990

PII20

.56958
.44922

.41369

PII11

PII03

-.54564
.46380

PII24

-.60409
.41411

PII15

PII32
PII34

.49023

PII18

-.41286
.49927
.47290

PII06

.41508

PII17

.46002

PII25

-.43306

..... FACTOR ANALYSIS

Factor 9 Factor 10

PII01

PII23

PII04

PII29

PII05

PII27

PII26

PII21

PII22

PII28

PII09

PII23

PII19

PII08

PII12

PII14

PII16

PII13

PII10

PII30

PII02

PII31

PII07

PII20

PII11

PII03

PII24

PII15

.42971

-.40227

PII34

PII16

PII06

PII17

PII25

.49427

..... FACTOR ANALYSIS

Final Statistics:

Variable	Communality	Factor	Eigenvalue	Pct of Var	Cum Pct
PII01	.80264 *	1	8.15285	24.0	24.0
PII02	.72963 *	2	3.28409	9.7	33.6
PII03	.73197 *	3	2.30968	6.8	40.4
PII04	.67455 *	4	2.03815	6.0	46.4
PII05	.76269 *	5	1.93579	5.7	52.1
PII06	.66207 *	6	1.69394	5.0	57.1
PII07	.73203 *	7	1.60516	4.7	61.8
PII08	.59237 *	8	1.32598	3.9	65.7
PII09	.84125 *	9	1.20496	3.5	69.3
PII10	.82777 *	10	1.06395	3.1	72.4

PII11	.75255 *				
PII12	.82118 *				
PII13	.78597 *				
PII14	.61906 *				
PII15	.73573 *				
PII16	.72174 *				
PII17	.64584 *				
PII18	.73717 *				
PII19	.70972 *				
PII20	.82060 *				
PII21	.71647 *				
PII22	.65761 *				
PII23	.66347 *				
PII24	.67140 *				
PII25	.81576 *				
PII26	.71394 *				
PII27	.73082 *				
PII28	.53256 *				
PII29	.76616 *				
PII30	.70044 *				
PII31	.77628 *				
PII32	.72458 *				
PII33	.73210 *				
PII34	.68628 *				

..... FACTOR ANALYSIS

PII25

Factor 9 Factor 10

PII29
PII04
PII33
PII05
PII27
PII01
PII21
PII26
PII08
PII28

PII13
PII12
PII19
PII14

PII31
PII07

PII34
PII22
PII23

PII15
PII03
PII30
PII02
PII16

PII10
PII09

PII20
PII11

----- FACTOR ANALYSIS -----

Factor 9 Factor 10

PII32
PII18
PII06

PII24 .61911
PII17 .59102

PII25 .86660

11

	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8
Factor 1	.71620	.35330	-.18255	.31597	.22375	.29290	-.19758	.20577
Factor 2	.19452	.38755	.65989	-.23310	-.39189	-.17308	-.23043	-.06918
Factor 3	.47061	-.44739	.28628	-.16773	.17315	.04490	.51117	.35200
Factor 4	.00274	.53660	-.09748	-.33883	-.06482	.32489	.40708	-.34381
Factor 5	-.25657	.13008	-.27422	.10788	-.69236	.31893	-.04396	.49500
Factor 6	-.03533	.25598	.13659	.69448	-.14839	-.45327	.25884	-.01799
Factor 7	-.08984	.37656	-.18363	-.34170	.30303	-.42703	.26438	.53356
Factor 8	-.23301	.05982	.41197	-.00657	.29778	.34322	-.29235	.31266
Factor 9	-.11754	.02761	.16295	.24423	.08885	.37858	.48251	-.15789
Factor 10	-.39067	.08817	.34047	.18027	.26901	.15923	.15439	.24092

	Factor 1	Factor 9	Factor 10
Factor 1			
Factor 2			
Factor 3			
Factor 4			
Factor 5			
Factor 6			
Factor 7			
Factor 8			
Factor 9			
Factor 10			

FACTOR ANALYSIS

Factor Score Coefficient Matrix:

	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8
PI101	.13842	-.03555	.08044	.03057	-.08518	.02946	-.10867	.07440
PI102	-.00683	-.03601	-.10465	-.05959	.16993	.08781	-.06046	.04018
PI103	-.04490	-.10216	.12142	.12366	.3321	-.07820	-.03411	.13066
PI104	.19947	.00227	-.07249	-.05353	-.08478	-.11890	-.07088	-.00060
PI105	-.23030	.06517	.23757	.08486	.09906	.14531	.04013	.07857
PI106	-.07194	.19116	-.08781	.09923	-.02196	-.14283	.10153	.28436
PI107	-.01621	.02209	.37977	.14862	.06231	.02324	.11834	-.02058
PI108	.14520	.04016	-.03361	-.16277	.05365	.00412	.12115	-.08618
PI109	-.02843	-.06014	.04941	.06888	-.03992	.41543	-.03385	.11302
PI110	-.05912	.01572	.03475	-.07730	-.04820	.44166	.05156	.06793
PI111	-.02550	.01016	.12139	.12879	.06358	.05087	.46423	-.00678
PI112	-.03934	.32823	-.07246	.03222	-.08269	-.04975	-.06646	-.03728
PI113	-.08588	.33966	.02554	-.02609	-.01146	.01216	-.00798	.06355
PI114	-.07417	.18539	-.00435	-.13362	.11719	-.10820	.12478	.00837
PI115	-.00844	.10136	.00368	-.08187	.35633	-.06613	.00738	-.10210
PI116	-.04987	.01851	.00151	.10330	.15472	.18143	-.05294	-.08567
PI117	.00883	-.03280	.12971	-.02936	.09380	-.07415	-.10578	.08639
PI118	-.05359	-.04361	.02592	-.20363	.17721	.13391	.07410	.31717
PI119	-.06814	.18984	.16175	-.06748	.20476	.10609	-.04800	.00344
					.04265	-.04094	.40190	-.00034

PI122	-.00294	.00000	.01353	.2953	.00000	.094	.017	-.1
PI123	-.13304	.14166	.00390	.24769	-.01658	.10793	.13597	.07124
PI124	.03743	.08062	-.03489	-.03003	-.10876	.06553	.17385	-.09727
PI125	.03157	-.01747	-.02549	-.00289	-.00985	-.02951	.00811	-.04803
PI126	.13459	-.06004	-.03942	.01097	-.05892	-.07795	.01370	.23265
PI127	.13404	.00133	.13014	-.02747	.09438	-.00306	.10736	.06412
PI128	.10253	-.04846	.10124	.18697	-.02857	.00932	.02954	-.04006
PI129	-.20136	.12009	.04826	.12042	.01769	-.12037	.00503	.12918
PI130	.02416	.05233	.12604	-.02574	-.23877	.04430	-.07625	.00005
PI131	-.03009	.04089	-.36139	.05890	-.05866	-.06052	.06274	-.08526
PI132	-.03194	-.02507	.04491	-.06315	-.06114	-.02561	-.11732	.39077
PI133	.16329	-.09375	.00431	.12174	-.07901	.00308	.10557	-.02391
PI134	.00367	-.05833	.02566	.37780	-.00695	-.07979	-.00065	-.12611

Factor 9 Factor 10

PI101	.17020	.07665
PI102	.24741	-.09001
PI103	-.05923	.10723
PI104	.13042	.07518
PI105	-.01786	.13303

FACTOR ANALYSIS

Factor 9 Factor 10

PI106	.14650	.02087
PI107	-.00244	-.00063
PI108	-.19124	-.03823
PI109	-.03978	-.00393
PI110	.00285	-.03490
PI111	-.13379	.04915
PI112	.09214	.00547
PI113	.03251	-.04142
PI114	-.09144	.00854
PI115	-.04382	-.02341
PI116	.28196	.12056
PI117	.38754	-.20251
PI118	.05996	.27664
PI119	-.12994	-.13794
PI120	.03723	-.02482
PI121	.17904	.04195
PI122	-.01496	.01191
PI123	-.18861	.03341
PI124	.42892	.16971
PI125	.04881	.61953
PI126	.02417	.02138
PI127	-.05864	-.19144
PI128	.06385	-.02105
PI129	.02748	-.17103
PI130	.04960	.07881
PI131	-.08527	.06669
PI132	-.12174	-.21402
PI133	-.08559	.02092
PI134	-.02250	-.04382

Covariance Matrix for Estimated Regression Factor Scores:

	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9
Factor 1	1.00000								
Factor 2	.00000	1.00000							
Factor 3	.00000	.00000	1.00000						
Factor 4	.00000	.00000	.00000	1.00000					
Factor 5	.00000	.00000	.00000	.00000	1.00000				
Factor 6	.00000	.00000	.00000	.00000	.00000	1.00000			
Factor 7	.00000	.00000	.00000	.00000	.00000	.00000	1.00000		
Factor 8	.00000	.00000	.00000	.00000	.00000	.00000	.00000	1.00000	
Factor 9	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	1.00000
Factor 10	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

Factor Analysis

Factor 10

Factor 10 1.00000

10 PC EXACT factor scores will be saved.

Following factor scores will be added to the working file:

Name	Label
PAC1_1	REG factor score 1 for analysis 1
PAC2_1	REG factor score 2 for analysis 1
PAC3_1	REG factor score 3 for analysis 1
PAC4_1	REG factor score 4 for analysis 1
PAC5_1	REG factor score 5 for analysis 1
PAC6_1	REG factor score 6 for analysis 1
PAC7_1	REG factor score 7 for analysis 1
PAC8_1	REG factor score 8 for analysis 1
PAC9_1	REG factor score 9 for analysis 1
PAC10_1	REG factor score 10 for analysis 1

FUNCTION by PII01 Replicates Wartime Procedures

Page 1 of 1

FUNCTION	Count	PII01					Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree		
		1.00	2.00	3.00	4.00	5.00	
Ammunition	1.00		1	1	4	1	7 5.6
Engineer	2.00		2				2 1.6
Chemical	4.00			1	1		2 1.6
Maintenance	5.00		5	4	6	1	16 12.7
POL	6.00	2	8	1	3	1	15 11.9
Civil Mil Ops	7.00	1	1	1	6	3	12 9.5
Medical	8.00		1	3	3	1	8 6.3
Transportation	10.00	2	8	10	7	2	29 23.0
Signal	12.00				1	1	2 1.6
MP/CID	14.00				2		2 1.6
PSS	17.00	2	3	1			6 4.8
Supply	19.00	3	3	2	4	5	17 13.5
Other	21.00			1	2	1	4 3.2
Observer/Control	22.00		1	1	1	1	4 3.2
Column Total		10 7.9	33 26.2	26 20.6	40 31.7	17 13.5	126 100.0

Chi-Square	Value	DF	Significance
Pearson	57.48552	52	.27929
Likelihood Ratio	61.16176	52	.18010
Mantel-Haenszel test for linear association	.05484	1	.81484

Minimum Expected Frequency - .159
Cells with Expected Frequency < 5 - 65 OF 70 (92.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.02047	.07160	.28593	
Kendall's Tau-c	.02094	.07325	.28593	
Gamma	.02478	.08666	.28593	
Somers' D :				
symmetric	.02043	.07143	.28593	
with FUNCTION dependent	.02194	.07675	.28593	

Number of Missing Observations: 7

FUNCTION by PII02 Easy to Operate

Page 1 of 1

		PII02					Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00			1	3	2	1	7 6.1
Chemical	4.00			1	1			2 1.8
Maintenance	5.00	1		3	4	6	2	16 14.0
POL	6.00		1			9	3	13 11.4
Civil Mil Ops	7.00			3	4	2		9 7.9
Medical	8.00			2	1	1	4	8 7.0
Transportation	10.00		3	6	7	8	3	27 22.7
Signal	12.00				1	1		2 1.8
MP/CID	14.00				1			1 .9
PSS	17.00		1	1	1	1		4 3.5
Supply	19.00		2		5	8	2	17 14.9
Other	21.00			1	1	2		4 3.5
Observer/Control	22.00		1	1	2			4 3.5
Column Total		1 .9	8 7.0	19 16.7	31 27.2	40 35.1	15 13.2	114 100.0

Chi-Square	Value	DF	Significance
Pearson	56.19982	60	.61535
Likelihood Ratio	64.27171	60	.32938
Mantel-Haenszel test for linear association	1.12700	1	.28842

Minimum Expected Frequency - .009
 Cells with Expected Frequency < 5 - 74 OF 78 (94.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.07893	.06845	-1.15093	
Kendall's Tau-c	-.07664	.06659	-1.15093	
Gama	-.09653	.08354	-1.15093	
Somers' D :				

symmetric	-.07873	.06827	-1.15093
with FUNCTION dependent	-.08463	.07352	-1.15093
with PII02 dependent	-.07344	.06375	-1.15093

Number of Missing Observations: 19

FUNCTION by PII03 Reports Army Standard Format

		PII03					Page 1 of 1	
Count		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row		
		1.00	2.00	3.00	4.00	5.00	Total	
FUNCTION								
Ammunition	1.00			1	4	2	7	
							5.8	
Engineer	2.00			1	1		2	
							1.7	
Chemical	4.00				1	1	2	
							1.7	
Maintenance	5.00		1		8	5	15	
							12.5	
POL	6.00	1	2	1		9	13	
							10.8	
Civil Mil Ops	7.00			1	4	3	10	
							8.3	
Medical	8.00			2	5	1	8	
							6.7	
Transportation	10.00		3	5	12	8	29	
							24.2	
Signal	12.00				1	1	2	
							1.7	
MP/CID	14.00				1	1	2	
							1.7	
PSS	17.00		1		3	1	5	
							4.2	
Supply	19.00	1		1	6	6	17	
							14.2	
Other	21.00				1	3	4	
							3.3	
Observer/Control	22.00	1		2	1		4	
							3.3	
Column Total		3	7	14	48	41	120	
		2.5	5.8	11.7	40.0	34.2	100.0	

Chi-Square	Value	DF	Significance
Pearson	64.69663	65	.48728
Likelihood Ratio	68.40281	65	.36255
Mantel-Haenszel test for linear association	.03126	1	.85966

Minimum Expected Frequency - .050
Cells with Expected Frequency < 5 - 77 OF 84 (91.7%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Kendall's Tau-b	-.01081	.07264	-.14883
Kendall's Tau-c	-.01017	.06831	-.14883
Gamma	-.01367	.09186	-.14883
Somers' D :			
symmetric	-.01075	.07221	-.14883
with FUNCTION dependent	-.01206	.08106	-.14883
with PII03 dependent	-.00969	.06511	-.14883

Number of Missing Observations: 13

FUNCTION by PII04 Excellent Trainer

PII04

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FUNCTION	Count	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree						Row Total
		Disagre	Disagre	Disagre	Disagre	Disagre	Disagre	
		1.00	2.00	3.00	4.00	5.00	6.00	
1.00			1		3	2	1	7
Assaultion								5.7
2.00				1				1
Engineer								.8
4.00					1	1		2
Chemical								1.6
5.00			3	2	6	3	1	15
Maintenance								12.3
6.00		3	1	1	6	3	1	15
POL								12.3
7.00			1	1	6	4		12
Civil Mil Ops								9.8
8.00					4	1	3	8
Medical								6.6
10.00			1	7	10	8	2	28
Transportation								23.0
12.00						2		2
Signal								1.6
14.00						2		2
MP/CID								1.6
17.00			2	1	2			5
PSS								4.1
19.00		2	2	2	6	3	2	17
Supply								13.9
21.00					1	2	1	4
Other								3.3
22.00				2	1		1	4
Observer/Control								3.3
Column		5	11	17	46	31	12	122
Total		4.1	9.0	13.9	37.7	25.4	9.8	100.0

Chi-Square	Value	DF	Significance
Pearson	71.03967	65	.28303
Likelihood Ratio	66.99973	65	.40827
Mantel-Haenszel test for linear association	.03149	1	.85914

Minimum Expected Frequency - .041
Cells with Expected Frequency < 5 - 79 OF 84 (94.0%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.01852	.07474	.24771	
Kendall's Tau-c	.01806	.07291	.24771	
Gamma	.02263	.09132	.24771	
Somers' D :				
symmetric	.01847	.07454	.24771	
with FUNCTION dependent	.01995	.08053	.24771	
with PII04 dependent	.01719	.06937	.24771	

Number of Missing Observations: 11

FUNCTION by PII05 Little Training Value

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		PII05					Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00		3	1		2	1	7
								5.5
Engineer	2.00				1	1		2
								1.6
Chemical	4.00		1				1	2
								1.6
Maintenance	5.00	1	4	5	5	1		16
								12.5
POL	6.00	2	2	7	4	1		16
								12.5
Civil Mil Ops	7.00	3	2	3	2	1	1	12
								9.4
Medical	8.00	4	2	2	1			9
								7.0
Transportation	10.00	4	14	6	5			29
								22.7
Signal	12.00		2					2
								1.6
MP/CID	14.00		1	1				2
								1.6
PSS	17.00	1			1	2	2	6
								4.7
Supply	19.00	5	1	5	5	1		17
								13.3
Other	21.00	1	2			1		4
								3.1
Observer/Control	22.00	1	1	1	1			4
								3.1
Column Total		22	35	31	25	10	5	128
		17.2	27.3	24.2	19.5	7.8	3.9	100.0

Chi-Square	Value	DF	Significance
Pearson	92.23293	65	.01481
Likelihood Ratio	84.80028	65	.05015
Mantel-Haenszel test for linear association	.84529	1	.35789

Minimum Expected Frequency - .078
Cells with Expected Frequency < 5 - 81 OF 84 (96.4%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.11966	.07230	-1.65231	
Kendall's Tau-c	-.11968	.07243	-1.65231	
Gamma	-.14142	.08525	-1.65231	
Somers' D :				
symmetric	-.11950	.07220	-1.65231	
with FUNCTION dependent	-.12604	.07611	-1.65231	
with PII05 dependent	-.11360	.06869	-1.65231	

Number of Missing Observations: 5

FUNCTION by PII06 Spot/Alert Reports Tailorable

		PII06						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00			1	3	2		6
								5.9
Chemical	4.00			1		1		2
								2.0
Maintenance	5.00			2	6	3	1	12
								11.9
POL	6.00		1	1	6	2	1	11
								10.9
Civil Mil Ops	7.00				5	5		10
								9.9
Medical	8.00		1	2	3	2		8
								7.9
Transportation	10.00		4	2	8	8	1	23
								22.8
Signal	12.00					1	1	2
								2.0
MP/CID	14.00					2		2
								2.0
PSS	17.00				3	2		5
								5.0
Supply	19.00		1	1	1	7	2	12
								11.9
Other	21.00		1	1		2		4
								4.0
Observer/Control	22.00	1	1	1			1	4
								4.0
Column Total		1	9	12	35	37	7	101
		1.0	8.9	11.9	34.7	36.6	6.9	100.0

Chi-Square	Value	DF	Significance
Pearson	70.81100	60	.16030
Likelihood Ratio	60.22162	60	.46768

Mantel-Haenszel test for
linear association

.00302

1

.95618

Minimum Expected Frequency - .020

Cells with Expected Frequency < 5 - 76 OF 78 (97.4%)

Statistic	Value	ASR1	Val/ASR0	Approximate Significance
Kendall's Tau-b	.06502	.08799	.74125	
Kendall's Tau-c	.06211	.08379	.74125	
Gamma	.08078	.10960	.74125	
Somers' D :				
symmetric	.06468	.08753	.74125	
with FUNCTION dependent	.07201	.09774	.74125	
with PII06 dependent	.05871	.07923	.74125	

Number of Missing Observations: 32

FUNCTION by PII07 Prior CSSTSS Training Inadequate

		PII07						Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total		
		1.00	2.00	3.00	4.00	5.00			
Ammunition	1.00			1		1	3	5	4.2
Engineer	2.00						2	2	1.7
Chemical	4.00		1				1	2	1.7
Maintenance	5.00	1	3		3	6	3	16	13.3
POL	6.00	2	4		3	3	4	16	13.3
Civil Mil Ops	7.00		2	1	1	1	5	10	8.3
Medical	8.00		2	1	1	3	2	9	7.5
Transportation	10.00	5	1	2	1	7	12	28	23.3
Signal	12.00					1	1	2	1.7
MP/CID	14.00				1	1		2	1.7
PSS	17.00	1			1	3		5	4.2
Supply	19.00	2	1	3	1	3	5	15	12.5
Other	21.00		1		1		2	4	3.3
Observer/Control	22.00				1		3	4	3.3
Column Total		11	15	8	14	29	43	120	
Total		9.2	12.5	6.7	11.7	24.2	35.8	100.0	

Chi-Square	Value	DF	Significance
Pearson	56.61358	65	.76134
Likelihood Ratio	66.25416	65	.43340
Mantel-Haenszel test for linear association	.00508	1	.94317
Minimum Expected Frequency - .133			
Cells with Expected Frequency < 5 - 79 OF 84 (94.0%)			

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.01336	.07124	.18754	
Kendall's Tau-c	.01317	.07021	.18754	
Gamma	.01613	.08604	.18754	
Somers' D :				
symmetric	.01333	.07110	.18754	
with FUNCTION dependent	.01423	.07589	.18754	
with PII07 dependent	.01254	.06688	.18754	

Number of Missing Observations: 13

FUNCTION by PII08 Realistic Doctrinal Representation

		PII08						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total		
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00	2		1	3	1		7 5.6
Engineer	2.00	1	1					2 1.6
Chemical	4.00	1		1				2 1.6
Maintenance	5.00		1	5	6	3		15 11.9
POL	6.00	4	6	2	3	1		16 12.7
Civil Mil Ops	7.00	1	1	2	5	3		12 9.5
Medical	8.00		2	3	3	1		9 7.1
Transportation	10.00	2	7	4	13	2	1	29 23.0
Signal	12.00	1			1			2 1.6
MP/CID	14.00			1		1		2 1.6
PSS	17.00	3		3				6 4.8
Supply	19.00	3	3		7	3		16 12.7
Other	21.00			1		3		4 3.2
Observer/Control	22.00	1	1	1		1		4 3.2

Chi-Square	Value	DF	Significance
Pearson	75.36372	65	.17814
Likelihood Ratio	75.44139	65	.17654
Mantel-Haenszel test for linear association	1.24945	1	.26366

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
-----	-----	-----	-----	-----
Kendall's Tau-b	-.06838	.07675	-.88955	
Kendall's Tau-c	-.06848	.07698	-.88955	
Gamma	-.08108	.09083	-.88955	
Somers' D :				
symmetric	-.06829	.07665	-.88955	
with FUNCTION dependent	-.07197	.08078	-.88955	
with PII11 dependent	-.06497	.07293	-.88955	

FUNCTION by PII12 Request Procedures Appropriate

PFI12							Page 1 of 1	
	Count	Strongly Disagree Disagre 1.00	Disagree 2.00	Somewhat Disagree 3.00	Somewhat Agree 4.00	Agree 5.00	Strongly Agree 6.00	Row Total
FUNCTION								
Ammunition	1.00		2	3	1	1		7 5.9
Engineer	2.00				1			1 .8
Chemical	4.00		1			1		2 1.7
Maintenance	5.00	1	1	5	8	1		16 13.6
POL	6.00	4	3	3	3			13 11.0
Civil Mil Ops	7.00	1	1	2	3	3		10 8.5
Medical	8.00			4	2	1		7 5.3

PSS							4.8
Supply	19.00	2	2	1	5	6	16
							12.7
Other	21.00			3		1	4
							3.2
Observer/Control	22.00	1	1	1	1		4
							3.2
Column Total		11	25	24	37	27	2
		6.7	19.6	19.0	29.4	21.4	1.6
							126
							100.0

Minimum Expected Frequency - .032
Cells with Expected Frequency < 5 - 80 OF 84 (95.2%)

Number of Missing Observations: 7

		PIII1					Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00			2	2		3	7
Engineer	2.00						2	2
Chemical	4.00		1				1	2
Maintenance	5.00	1	2	4	4	2	3	16
POL	6.00		1	2	3	2	6	14
Civil Mil Ops	7.00		3	1	2	6	1	13
Medical	8.00		1	2	4	2		9
Transportation	10.00	1	3	3	7	12	3	29
Signal	12.00			1		1		2

21.00				4		4
Other						3.2
22.00		2		2		4
Observer/Control						3.2
Column	9	20	17	43	33	125
Total	7.2	16.0	13.6	34.4	26.4	100.0

Chi-Square	Value	DF	Significance
Pearson	83.57928	65	.06019
Likelihood Ratio	87.05544	65	.03532
Mantel-Haenszel test for linear association	.17670	1	.67422

Minimum Expected Frequency - .024
Cells with Expected Frequency < 5 - 79 OF 84 (94.0%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.05576	.07093	.78611	
Kendall's Tau-c	.05468	.06956	.78611	
Gamma	.06735	.08562	.78611	
Somers' D :				
symmetric	.05562	.07075	.78611	
with FUNCTION dependent	.05979	.07600	.78611	
with PII09 dependent	.05200	.06620	.78611	

Number of Missing Observations: 8

FUNCTION by PII10 Appropriate Time between Events

		PII10						Page 1 of 1	
Count		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree		Row	
		1.00	2.00	3.00	4.00	5.00	6.00	Total	
FUNCTION									
	1.00		3	1	2	1		7	
Ammunition								5.6	
	2.00		1		1			2	
Engineer								1.6	
	4.00				1	1		2	
Chemical								1.6	
	5.00		1	3	6	5		15	
Maintenance								11.9	
	6.00	4	5	1	4	2		16	
POL								12.7	
	7.00		4	2	2	4		12	
Civil Mil Ops								9.5	
	8.00		2	2	2	3		9	
Medical								7.1	
	10.00	2	4	8	9	4	2	29	
Transportation								23.0	
	12.00			1	1			2	
Signal								1.6	
	14.00				2			2	
MP/CID								1.6	
	17.00	2	2	1	1			6	

Column	19	22	24	41	19	1	126
Total	15.1	17.5	19.0	32.5	15.1	.8	100.0

Chi-Square	Value	DF	Significance
Pearson	72.43968	65	.24600
Likelihood Ratio	80.98873	65	.08710
Mantel-Haenszel test for linear association	.12854	1	.71995

Minimum Expected Frequency - .016
Cells with Expected Frequency < 5 - 79 OF 84 (94.0%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.03938	.07583	.51914	
Kendall's Tau-c	.03915	.07542	.51914	
Gamma	.04688	.09021	.51914	
Somers' D :				
symmetric	.03931	.07571	.51914	
with FUNCTION dependent	.04173	.08037	.51914	
with PII08 dependent	.03716	.07155	.51914	

Number of Missing Observations: 7

FUNCTION by PII09 Appropriate Event Sequencing

		PII09						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total		
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00		1	2	2	2		7 5.6
Engineer	2.00		1					1 .8
Chemical	4.00				1	1		2 1.6
Maintenance	5.00		1	2	7	5		15 12.0
POL	6.00	5	4	1	5	1		16 12.8
Civil Mil Ops	7.00	1	3	3	1	4		12 9.6
Medical	8.00			2	4	3		9 7.2
Transportation	10.00		3	4	13	7	2	29 23.2
Signal	12.00			1	1			2 1.6
MP/CID	14.00			1		1		2 1.6
PSS	17.00	1	3	1			1	6 4.8
Supply	19.00	2	2		7	5		16 12.8

10.00	1	4	4	11	8	1	29
Transportation							24.6
12.00				1	1		2
Signal							1.7
14.00				2			2
MP/CID							1.7
17.00		2	1	2			5
PSS							4.2
19.00	3	2	3	7	1		16
Supply							13.6
21.00				4			4
Other							3.4
22.00			1	1	2		4
Observer/Control							3.4
Column	10	16	26	46	19	1	118
Total	8.5	13.6	22.0	39.0	16.1	.8	100.0

Chi-Square	Value	DF	Significance
Pearson	61.86614	65	.58732
Likelihood Ratio	63.99358	65	.51202
Mantel-Haenszel test for linear association	.72874	1	.39329

Minimum Expected Frequency - .008
Cells with Expected Frequency < 5 - 79 OF 84 (94.0%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.11049	.06792	1.62600	
Kendall's Tau-c	.10704	.06583	1.62600	
Gamma	.13574	.08337	1.62600	
Somers' D :				
symmetric	.11016	.06772	1.62600	
with FUNCTION dependent	.11926	.07346	1.62600	
with PIII2 dependent	.10236	.06285	1.62600	

Number of Missing Observations: 15

FUNCTION by PIII13 Resource Distribution Appropriate

		PIII13					Page 1 of 1
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
		1.00	2.00	3.00	4.00		
1.00			1	1	3	2	7
Ammunition							5.9
2.00			1				1
Engineer							.8
4.00					1	1	2
Chemical							1.7
5.00		1	1	4	9	1	16
Maintenance							13.6
6.00		4	1	1	4	3	13
POL							11.0
7.00		1	2	1	5	2	11

Civil Mil Ops							9.3
Medical	8.00		4	2	1		7 5.9
Transportation	10.00	1	4	6	11	5	1 28 23.7
Signal	12.00				1	1	2 1.7
MP/CID	14.00				2		2 1.7
PSS	17.00		1	2	2		5 4.2
Supply	19.00	2	4		6	4	16 13.6
Other	21.00				4		4 3.4
Observer/Control	22.00			1	2	1	4 3.4
Column Total		9	14	21	52	21	1 118
		7.6	11.9	17.8	44.1	17.8	.8 100.0

Chi-Square	Value	DF	Significance
Pearson	53.92699	65	.83476
Likelihood Ratio	55.55305	65	.79196
Mantel-Haenszel test for linear association	.04870	1	.82535

Minimum Expected Frequency - .008
Cells with Expected Frequency < 5 - 80 OF 84 (95.2%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.02567	.07001	.36659	
Kendall's Tau-c	.02448	.06677	.36659	
Gamma	.03216	.08772	.36659	
Somers' D :				
symmetric	.02555	.06970	.36659	
with FUNCTION dependent	.02823	.07701	.36659	
with PII13 dependent	.02334	.06366	.36659	

Number of Missing Observations: 15

FUNCTION by PII14 Replicated Airland Battle Doctrine

		PII14				Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Row Total	
		1.00	2.00	3.00	4.00	5.00	
Ammunition	1.00		1		6		7 6.1
Engineer	2.00	1	1				2 1.8
Chemical	4.00				2		2 1.8
Maintenance	5.00		1	1	11	2	15 13.2

FUNCTION		Strongly	Disagree	Somewhat	Somewhat	Agree	Strongly	Row Total
		Disagre		Disagre	Agree	Agree		
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00		2	2	2	1		7 5.9
Engineer	2.00			2				2 1.7
Chemical	4.00			1	1			2 1.7
Maintenance	5.00		4	5	3	4		16 13.6
POL	6.00		3	3	3	3	2	14 11.9
Civil Mil Ops	7.00		1	2	3	1	1	8 6.8
Medical	8.00	1	4	2	2			9 7.6
Transportation	10.00	1	8	6	5	6	3	29 24.6
Signal	12.00				1		1	2 1.7
MP/CID	14.00			1	1			2 1.7
PSS	17.00			1	1		3	5 4.2
Supply	19.00	1	2	3	3	3	3	15 12.7
Other	21.00		1	2				3 2.5
Observer/Control	22.00			2	1	1		4 3.4
Column Total		3 2.5	25 21.2	32 27.1	26 22.0	19 16.1	13 11.0	118 100.0

Chi-Square	Value	DF	Significance
Pearson	52.34176	65	.87123
Likelihood Ratio	55.78058	65	.78556
Mantel-Haenszel test for linear association	1.90687	1	.16731

Minimum Expected Frequency - .051
Cells with Expected Frequency < 5 - 81 OF 84 (96.4%)

Statistic	Value	ASR1	Val/ASR0	Approximate Significance
Kendall's Tau-b	.08335	.06439	1.29332	
Kendall's Tau-c	.08325	.06437	1.29332	
Gamma	.09973	.07695	1.29332	
Somers' D :				
symmetric	.08325	.06432	1.29332	
with FUNCTION dependent	.08734	.06745	1.29332	
with PII17 dependent	.07953	.06148	1.29332	

Number of Missing Observations: 15

Ammunition							5.8
Engineer	2.00			1			1 .8
Chemical	4.00	1		1			2 1.7
Maintenance	5.00		3	1	7	4	1 16 13.3
POL	6.00	1	1	2	4	5	1 14 11.7
Civil Mil Ops	7.00	1	3	3	2	3	12 10.0
Medical	8.00	1		2	2	2	1 8 6.7
Transportation	10.00	2	5	5	8	6	3 29 24.2
Signal	12.00				1	1	2 1.7
MP/CID	14.00			2			2 1.7
PSS	17.00		3		2		5 4.2
Supply	19.00	2		1	7	4	1 15 12.5
Other	21.00				2	2	3 2.5
Observer/Control	22.00	1	2	1			4 3.3
Column Total		9	18	19	40	27	7 120 100.0
		7.5	15.0	15.8	33.3	22.5	5.8

Chi-Square	Value	DF	Significance
Pearson	58.72524	65	.69501
Likelihood Ratio	61.99542	65	.58276
Mantel-Haenszel test for linear association	.61813	1	.43174

Minimum Expected Frequency - .058
Cells with Expected Frequency < 5 - 80 OF 84 (95.2%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Randall's Tau-b	-.04087	.06647	-.61450	
Randall's Tau-c	-.04050	.06591	-.61450	
Gamma	-.04924	.08003	-.61450	
Somers' D :				
symmetric	-.04081	.06637	-.61450	
with FUNCTION dependent	-.04318	.07022	-.61450	
with PII16 dependent	-.03869	.06293	-.61450	

Number of Missing Observations: 13

FUNCTION by PII17 CSSTSS Info Not Accurate

Count | PII17

Chemical	4.00		1		1		2
							1.7
Maintenance	5.00			2	8	4	2
							16
POL	6.00				3	7	3
							13
Civil Mil Ops	7.00		1	1	6	3	
							11
Medical	8.00			1	5		1
							7
Transportation	10.00	2	2	2	12	6	4
							28
Signal	12.00				1	1	
							2
MP/CID	14.00			1	1		
							1.7
FSS	17.00		3	1		1	
							5
Supply	19.00	1		2	4	7	2
							16
Other	21.00					3	
							3
Observer/Control	22.00			4			
							4
Column Total		3	8	14	45	35	13
		2.5	6.8	11.9	38.1	29.7	11.0
							118
							100.0

Chi-Square	Value	DF	Significance
Pearson	102.34424	65	.00215
Likelihood Ratio	86.47447	65	.03872
Mantel-Haenszel test for linear association	1.91756	1	.16613

Minimum Expected Frequency - .051
Cells with Expected Frequency < 5 - 80 OF 84 (95.2%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.09155	.07420	-1.22820	
Kendall's Tau-c	-.08808	.07171	-1.22820	
Gemma	-.11283	.09100	-1.22820	
Somers' D :				
symmetric	-.09121	.07392	-1.22820	
with FUNCTION dependent	-.09984	.08069	-1.22820	
with PII15 dependent	-.08395	.06826	-1.22820	

Number of Missing Observations: 15

FUNCTION by PII16 Information Timeliness

Count	PII16						Row Total
	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree		
	1.00	2.00	3.00	4.00	5.00	6.00	
FUNCTION	1.00	1	2	3	1		7

POL	6.00		3	3	2	3	11 9.6
Civil Mil Ops	7.00			5	5	2	12 10.5
Medical	8.00		1	1	4	1	7 6.1
Transportation	10.00	4	4	6	11	2	27 23.7
Signal	12.00				2		2 1.8
MP/CID	14.00			2			2 1.8
PSS	17.00	1	2	1	1		5 4.4
Supply	19.00	2	1	2	5	5	15 13.2
Other	21.00			1	1	1	3 2.6
Observer/Control	22.00	1	1		2		4 3.5
Column Total		9	15	22	52	16	114
		7.9	13.2	19.3	45.6	14.0	100.0

Chi-Square	Value	DF	Significance
Pearson	63.51515	52	.13147
Likelihood Ratio	67.63344	52	.07137
Mantel-Haenszel test for linear association	.91297	1	.33933

Minimum Expected Frequency - .158
Cells with Expected Frequency < 5 - 64 OF 70 (91.4%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.08498	.07563	-1.12346	
Kendall's Tau-c	-.08387	.07466	-1.12346	
Gamma	-.10650	.09480	-1.12346	
Somers' D :				
symmetric	-.08452	.07522	-1.12346	
with FUNCTION dependent	-.09431	.08391	-1.12346	
with PII14 dependent	-.07657	.06820	-1.12346	

Number of Missing Observations: 19

FUNCTION by PII15 Summary Reports Friendly

		PII15					Page 1 of 1
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	
						6.00	
Ammunition	1.00		1		3	2	7
							5.9
Engineer	2.00				2		2
							1.7

FUNCTION	Count	PII18					Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1.00	2.00	3.00	4.00	5.00	
Ammunition	1.00	1	2	1	2	1	7 5.7
Engineer	2.00	1			1		2 1.6
Chemical	4.00		2				2 1.6
Maintenance	5.00	1	6	9			16 13.0
POL	6.00	3	4	3	2	2	14 11.4
Civil Mil Ops	7.00		5	3	3		11 8.9
Medical	8.00		6	3			9 7.3
Transportation	10.00	4	13	10		1	29 23.6
Signal	12.00		1		1		2 1.6
MP/CID	14.00		1	1			2 1.6
PSS	17.00	1	3	1			5 4.1
Supply	19.00	3	4	7	2		16 13.0
Other	21.00		1	1		2	4 3.3
Observer/Control	22.00		3	1			4 3.3
Column		14	51	40	11	4	123
Total		11.4	41.5	32.5	8.9	3.3	100.0

Chi-Square	Value	DF	Significance
Pearson	88.47964	65	.02805
Likelihood Ratio	71.73944	65	.26279
Mantel-Haenszel test for linear association	.14073	1	.70756

Minimum Expected Frequency - .049
Cells with Expected Frequency < 5 - 77 OF 84 (91.7%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.03258	.07675	-.42452	
Kendall's Tau-c	-.03062	.07212	-.42452	
Gamma	-.04118	.09696	-.42452	
Somers' D :				
symmetric	-.03238	.07626	-.42452	
with FUNCTION dependent	-.03646	.08585	-.42452	
with PII18 dependent	-.02912	.06861	-.42452	

Number of Missing Observations: 10

FUNCTION by PII19 Functional Area Interface Correct

Page 1 of 1

		PII19					Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00	1	1	1	1	3		7 5.8
Engineer	2.00			1		1		2 1.7
Chemical	4.00					2		2 1.7
Maintenance	5.00		1	5	7	2		15 12.4
POL	6.00	1	4	2	5	2		14 11.6
Civil Mil Ops	7.00		2		8	1		11 9.1
Medical	8.00		1	3	3	1		8 6.6
Transportation	10.00	2	5	4	11	6	1	29 24.0
Signal	12.00		1			1		2 1.7
MP/CID	14.00				1	1		2 1.7
PSS	17.00	3	2	1				6 5.0
Supply	19.00	2		4	7	2	1	16 13.2
Other	21.00				1	2		3 2.5
Observer/Control	22.00			1	2	1		4 3.3
Column Total		9 7.4	17 14.0	22 18.2	46 38.0	25 20.7	2 1.7	121 100.0

Chi-Square	Value	DF	Significance
Pearson	69.50733	65	.32826
Likelihood Ratio	70.47338	65	.29968
Mantel-Haenszel test for linear association	.09007	1	.76409

Minimum Expected Frequency - .033
Calls with Expected Frequency < 5 - 78 OF 84 (92.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.01816	.07504	-.24196	
Kendall's Tau-c	-.01770	.07317	-.24196	

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.12484	.07127	1.75140	
Kendall's Tau-c	.11966	.06832	1.75140	
Gamma	.15388	.08783	1.75140	
Somers' D :				
symmetric	.12432	.07097	1.75140	
with FUNCTION dependent	.13683	.07819	1.75140	
with PII21 dependent	.11390	.06504	1.75140	

Number of Missing Observations: 12

FUNCTION by PII22 Information Situation Control

		PII22						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total		
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00			3	4			7 5.6
Chemical	4.00			1	1			2 1.6
Maintenance	5.00		2	3	6	5		16 12.9
POL	6.00	6	3		4	3		16 12.9
Civil Mil Ops	7.00		3	3	3	2	1	12 9.7
Medical	8.00	1		4	1	2		8 6.5
Transportation	10.00	1	6	7	5	8	2	29 23.4
Signal	12.00		1			1		2 1.6
MP/CID	14.00			1	1			2 1.6
PSS	17.00	1	1	3	1			6 4.8
Supply	19.00	2	4	1	5	2	2	16 12.9
Other	21.00			1	2	1		4 3.2
Observer/Control	22.00	1	1	1	1			4 3.2
Column Total		12	21	24	33	29	5	124
		9.7	16.9	19.4	26.6	23.4	4.0	100.0

Chi-Square	Value	DF	Significance
Pearson	63.22747	60	.36312
Likelihood Ratio	72.16148	60	.13503
Mantel-Haenszel test for linear association	2.10968	1	.14637

Minimum Expected Frequency - .081
Cells with Expected Frequency < 5 - 75 OF 78 (96.2%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.10646	.06749	-1.57762	
Kendall's Tau-c	-.10661	.06758	-1.57762	
Gamma	-.12650	.08024	-1.57762	
Somers' D :				
symmetric	-.10634	.06742	-1.57762	
with FUNCTION dependant	-.11142	.07095	-1.57762	
with PII22 dependant	-.10171	.06421	-1.57762	

Number of Missing Observations: 9

FUNCTION by PII23 Accurate Data Produced

		PII23						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	6.00	
1.00				1	4	2		7
Ammunition								5.9
4.00				1		1		2
Chemical								1.7
5.00				4	7	4		15
Maintenance								12.6
6.00		3	2	4	1	5		15
POL								12.6
7.00				4	6	1		11
Civil Mil Ops								9.2
8.00			1	2	2	2		7
Medical								5.9
10.00			4	7	9	7	2	29
Transportation								24.4
12.00					1	1		2
Signal								1.7
14.00				1	1			2
MP/CID								1.7
17.00		2		2	1			5
PSS								4.2
19.00		1	3	4	6	2		16
Supply								13.4
21.00				2	2			4
Other								3.4
22.00				1	3			4
Observer/Control								3.4
Column		6	10	33	43	25	2	119
Total		5.0	8.4	27.7	36.1	21.0	1.7	100.0

Chi-Square	Value	DF	Significance
Pearson	57.89379	60	.55309
Likelihood Ratio	59.86930	60	.48047
Mantel-Haenszel test for	3.41086	1	.06477

linear association

Minimum Expected Frequency - .034
Cells with Expected Frequency < 5 - 72 OF 78 (92.3%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.11380	.06318	-1.79534	
Kendall's Tau-c	-.10948	.06098	-1.79534	
Gamma	-.14129	.07815	-1.79534	
Somers' D :				
symmetric	-.11341	.06297	-1.79534	
with FUNCTION dependent	-.12354	.06861	-1.79534	
with PII23 dependent	-.10482	.05823	-1.79534	

Number of Missing Observations: 14

FUNCTION by PII24 Execution Procedures Not Present

		PII24						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00	1	2		2	1	1	7 5.9
Chemical	4.00		1			1		2 1.7
Maintenance	5.00		2	5	5	3		15 12.6
POL	6.00		2	4	2	4	2	14 11.8
Civil Mil Ops	7.00			1	4	5		10 8.4
Medical	8.00	1		5	1	1		8 6.7
Transportation	10.00	2	5	8	9	5		29 24.4
Signal	12.00				1	1		2 1.7
MP/CID	14.00				2			2 1.7
PSS	17.00	1			2	2	1	6 5.0
Supply	19.00		3	5	5	1	2	16 13.4
Other	21.00			1	1	2		4 3.4
Observer/Control	22.00			1	2	1		4 3.4
Column Total		5	15	30	36	27	6	119
		4.2	12.6	25.2	30.3	22.7	5.0	100.0

Chi-Square	Value	DF	Significance
Pearson	56.29668	60	.61182

Likelihood Ratio 64.88199 60 .31043
Mantel-Haenszel test for .44255 1 .50589
linear association

Minimum Expected Frequency - .084
Cells with Expected Frequency < 5 - 75 OF 78 (96.2%)

Statistic	Value	ASE1	Val/ASR0	Approximate Significance
Kendall's Tau-b	.02201	.07466	.29473	
Kendall's Tau-c	.02169	.07360	.29473	
Gamma	.02661	.09022	.29473	
Somers' D :				
symmetric	.02197	.07453	.29473	
with FUNCTION dependent	.02338	.07930	.29473	
with PII24 dependent	.02073	.07030	.29473	

Number of Missing Observations: 14

FUNCTION by PII25 Report Fidelity Excessive

Page 1 of 1

		PII25						Row Total
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00		2	4	1			7 5.9
Chemical	4.00		1	1				2 1.7
Maintenance	5.00		8	6	1		1	16 13.6
POL	6.00	2	5	4	1		2	14 11.9
Civil Mil Ops	7.00		2	5		2		9 7.6
Medical	8.00	1	2	5				8 6.8
Transportation	10.00	3	13	9	1	2	1	29 24.6
Signal	12.00		1	1				2 1.7
MP/CID	14.00			1			1	2 1.7
PSS	17.00		2	3				5 4.2
Supply	19.00	3	2	4	4	2	1	16 13.6
Other	21.00			3	1			4 3.4
Observer/Control	22.00			4				4 3.4
Column Total		9	38	50	9	6	6	118
Total		7.6	32.2	42.4	7.6	5.1	5.1	100.0

Chi-Square	Value	DF	Significance
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Pearson	60.21481	60	.46793
Likelihood Ratio	61.65966	60	.41648
Mantel-Haenszel test for linear association	1.27322	1	.25916

Minimum Expected Frequency - .102
Cells with Expected Frequency < 5 - 71 OF 78 (91.0%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.08081	.06895	1.17264	
Kendall's Tau-c	.07567	.06453	1.17264	
Gamma	.10293	.08789	1.17264	
Somers' D :				
symmetric	.08034	.06854	1.17264	
with FUNCTION dependent	.09009	.07707	1.17264	
with PII25 dependent	.07249	.06172	1.17264	

Number of Missing Observations: 15

FUNCTION by PII26 Tactical Fidelity Present

		PII26					Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	6.00	
Ammunition	1.00		1	2	2	2		7 5.9
Chemical	4.00	1				1		2 1.7
Maintenance	5.00		3	5	5	1	1	15 12.6
POL	6.00	4	4	4	2	1		15 12.6
Civil Mil Ops	7.00		1	2	3	3		9 7.6
Medical	8.00	1	1	2	2	2		8 6.7
Transportation	10.00	4	9	6	3	4	3	29 24.4
Signal	12.00			2				2 1.7
MP/CID	14.00			1		1		2 1.7
PSS	17.00	3	1	1	1			6 5.0
Supply	19.00	4	2	3	4	3		16 13.4
Other	21.00				1	2	1	4 3.4
Observer/Control	22.00		2		1	1		4 3.4
Column Total		17 14.3	24 20.2	28 23.5	24 20.2	21 17.6	5 4.2	119 100.0

Chi-Square	Value	DF	Significance
Pearson	58.41915	60	.53369
Likelihood Ratio	63.74560	60	.34618
Mantel-Haenszel test for linear association	.04447	1	.83298

Minimum Expected Frequency - .084
Cells with Expected Frequency < 5 - 74 OF 78 (94.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.02202	.07134	-.30877	
Kendall's Tau-c	-.02220	.07190	-.30877	
Gamma	-.02603	.08432	-.30877	
Somers' D :				
symmetric	-.02201	.07129	-.30877	
with FUNCTION dependent	-.02284	.07399	-.30877	
with PII26 dependent	-.02123	.06878	-.30877	

Number of Missing Observations: 14

FUNCTION by PII27 Function Doctrinally Represented

		PII27						Page 1 of 1
FUNCTION	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
		1.00	2.00	3.00	4.00	5.00		
Ammunition	1.00	2	1	1	1	2	7	5.8
Chemical	4.00		1		1		2	1.7
Maintenance	5.00		2	5	8	1	16	13.2
POL	6.00	2	5	3	3	1	14	11.6
Civil Mil Ops	7.00	1	1	4	4	1	11	9.1
Medical	8.00			2	6	1	9	7.4
Transportation	10.00	1	5	9	6	6	28	23.1
Signal	12.00				2		2	1.7
MP/CID	14.00				1	1	2	1.7
PSS	17.00	4	1	1			6	5.0
Supply	19.00	3	1	1	6	5	16	13.2
Other	21.00	1		1	1	1	4	3.3
Observer/Control	22.00			2	2		4	3.3
Column Total		14	17	29	41	19	1	121
Total		11.6	14.0	24.0	33.9	15.7	.8	100.0

Chi-Square	Value	DF	Significance
Pearson	67.44737	60	.23764
Likelihood Ratio	67.59477	60	.23382
Mantel-Haenszel test for linear association	.02049	1	.88617

Minimum Expected Frequency - .017
Cells with Expected Frequency < 5 - 74 OF 78 (94.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.05424	.07499	.72345	
Kendall's Tau-c	.05344	.07387	.72345	
Gamma	.06541	.09045	.72345	
Somers' D :				
symmetric	.05413	.07483	.72345	
with FUNCTION dependent	.05784	.07997	.72345	
with PII27 dependent	.05087	.07032	.72345	

Number of Missing Observations: 12

FUNCTION by PII28 Status of Forces Doctrinally Correct

		PII28						Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total			
		1.00	2.00	3.00	4.00	5.00	6.00		
Ammunition	1.00	1		2	1	3		7	6.3
Chemical	4.00				1	1		2	1.8
Maintenance	5.00	1	1	4	6	1		13	11.6
POL	6.00	3	2		4	4		13	11.6
Civil Mil Ops	7.00		4		2	3		9	8.0
Medical	8.00		1	1	6	1		9	8.0
Transportation	10.00	1	5	5	12	3	1	27	24.1
Signal	12.00				1	1		2	1.8
MP/CID	14.00	1			1			2	1.8
PSS	17.00	2	1	1	1			5	4.5
Supply	19.00		1	5	4	6		16	14.3
Other	21.00		1		2			3	2.7
Observer/Control	22.00			2	2			4	3.6

Column	9	16	20	43	23	1	112
Total	8.0	14.3	17.9	38.4	20.5	.9	100.0

Chi-Square	Value	DF	Significance
Pearson	62.93096	60	.37297
Likelihood Ratio	66.28406	60	.26922
Mantel-Haenszel test for linear association	.00300	1	.95635

Minimum Expected Frequency - .018
Cells with Expected Frequency < 5 - 75 OF 78 (96.2%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.01772	.07326	-.24186	
Kendall's Tau-c	-.01722	.07120	-.24186	
Gamma	-.02162	.08942	-.24186	
Somers' D :				
symmetric	-.01767	.07305	-.24186	
with FUNCTION dependent	-.01909	.07898	-.24186	
with PII28 dependent	-.01644	.06795	-.24186	

Number of Missing Observations: 21

FUNCTION by PII29 CSSTSS Not Realistic

		PII29						Page 1 of 1	
FUNCTION	Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree	
		Disagree		Disagree		Agree		Agree	
		1.00	2.00	3.00	4.00	5.00	6.00	Row Total	
Ammunition	1.00		3		2		2	7	5.9
Chemical	4.00				2			2	1.7
Maintenance	5.00		3	6	4	2	1	16	13.4
POL	6.00		2	3	2	6		13	10.9
Civil Mil Ops	7.00		1	2	5	2		10	8.4
Medical	8.00	1	2	2	2	2		9	7.6
Transportation	10.00		4	14	6	3	1	28	23.5
Signal	12.00				1	1		2	1.7
MP/CID	14.00			2				2	1.7
PSS	17.00			1		1	4	6	5.0
Supply	19.00	1	2	6	2	1	4	16	13.4
Other	21.00		3	1				4	3.4
	22.00			2	1	1		4	

Observer/Control							3.4
Column	2	20	39	27	19	12	119
Total	1.7	16.8	32.8	22.7	16.0	10.1	100.0

Chi-Square	Value	DF	Significance
Pearson	91.37066	60	.00561
Likelihood Ratio	81.66183	60	.03296
Mantel-Haenszel test for linear association	.05765	1	.81026

Minimum Expected Frequency - .034
Cells with Expected Frequency < 5 - 74 OF 78 (94.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.01833	.07895	-.23229	
Kendall's Tau-c	-.01813	.07807	-.23229	
Gamma	-.02189	.09428	-.23229	
Somers' D :				
symmetric	-.01830	.07881	-.23229	
with FUNCTION dependent	-.01945	.08379	-.23229	
with PII29 dependent	-.01728	.07438	-.23229	

Number of Missing Observations: 14

FUNCTION by PII30 Prior Training Not Useful

		PII30						Page 1 of 1	
Count		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total			
		1.00	2.00	3.00	4.00	5.00	6.00		
FUNCTION									
Ammunition	1.00	1		3	1			5	4.7
Chemical	4.00		1		1			2	1.9
Maintenance	5.00	4	6	2	1	3		16	15.1
POL	6.00	5	4	3	1		1	14	13.2
Civil Mil Ops	7.00			5	2	1	1	9	8.5
Medical	8.00	2	1	2	1	1		7	6.6
Transportation	10.00	4	7	4	6	3		24	22.6
Signal	12.00			2				2	1.9
MP/CID	14.00			2				2	1.9
PSS	17.00	1		1		2		4	3.8
Supply	19.00		6	6	2	1		15	14.2
Other	21.00		2				1	3	2.8

22.00			2	1			3
Observer/Control							2.8
Column	17	27	32	16	11	3	106
Total	16.0	25.5	30.2	15.1	10.4	2.8	100.0

Other	21.00	2		1	1		4
							3.6
Observer/Control	22.00	1		2	1		4
							3.6
Column	25	26	19	21	16	5	112
Total	22.3	23.2	17.0	18.8	14.3	4.5	100.0

Chi-Square	Value	DF	Significance
Pearson	49.99975	60	.81790
Likelihood Ratio	57.86807	60	.55404
Mantel-Haenszel test for linear association	.53012	1	.46656

Minimum Expected Frequency - .089
Cells with Expected Frequency < 5 - 76 OF 78 (97.4%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.07243	.07166	-1.01072	
Kendall's Tau-c	-.07309	.07231	-1.01072	
Gamma	-.08546	.08450	-1.01072	
Somers' D :				
symmetric	-.07238	.07161	-1.01072	
with FUNCTION dependent	-.07520	.07442	-1.01072	
with PII31 dependent	-.06976	.06901	-1.01072	

Number of Missing Observations: 21

FUNCTION by PII32 Workload Fidelity Present

		PII32					Page 1 of 1
Count		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
		1.00	2.00	3.00	4.00	5.00	6.00
FUNCTION							
1.00	Ammunition	3	1		3		7
							5.7
4.00	Chemical	1				1	2
							1.6
5.00	Maintenance	5	4	4	1	2	16
							13.1
6.00	POL	10	1	1	3		15
							12.3
7.00	Civil Mil Ops	1	3	1	5		10
							8.2
8.00	Medical	1	3	3	1		9
						1	7.4
10.00	Transportation	12	8	2	1	4	29
						2	23.8
12.00	Signal	1		1			2
							1.6
14.00	MP/CID					2	2
							1.6
17.00	PSS	5	1				6
							4.9
19.00		7	1	6	1	1	16

Supply							13.1
21.00	2			1	1		4
Other							3.3
22.00	2	1				1	4
Observer/Control							3.3
Column	50	23	18	16	11	4	122
Total	41.0	18.9	14.8	13.1	9.0	3.3	100.0

Chi-Square	Value	DF	Significance
Pearson	96.52362	60	.00195
Likelihood Ratio	86.73557	60	.01357
Mantel-Haenszel test for linear association	.14590	1	.70248

Minimum Expected Frequency - .066
Cells with Expected Frequency < 5 - 73 OF 78 (93.6%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.03175	.07444	-.42681	
Kendall's Tau-c	-.03080	.07216	-.42681	
Gamma	-.03872	.09083	-.42681	
Somers' D :				
symmetric	-.03166	.07422	-.42681	
with FUNCTION dependent	-.03430	.08046	-.42681	
with PII32 dependent	-.02939	.06887	-.42681	

Number of Missing Observations: 11

FUNCTION by PII33 Training Objectives Met

		PII33						Page 1 of 1
Count		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1.00	2.00	3.00	4.00	5.00	6.00	
FUNCTION	1.00			1	4	2		7
Ammunition								5.8
	4.00				1	1		2
Chemical								1.7
	5.00	1	1	4	4	4		14
Maintenance								11.7
	6.00	3	4	3	2	3		15
POL								12.5
	7.00	2	2		5	2		11
Civil Mil Ops								9.2
	8.00		1		4	2	1	8
Medical								6.7
	10.00		4	5	11	6	3	29
Transportation								24.2
	12.00			1	1			2
Signal								1.7
	14.00			1	1			2
MP/CID								1.7
	17.00	3	2		1			6
PSS								5.0

Supply	19.00	2	2	2	5	5	16
							13.3
Other	21.00			1	1	2	4
							3.3
Observer/Control	22.00			1	1	2	4
							3.3
Column		11	16	19	41	29	120
Total		9.2	13.3	15.8	34.2	24.2	100.0

Chi-Square	Value	DF	Significance
Pearson	56.60790	60	.60044
Likelihood Ratio	62.79242	60	.37762
Mantel-Haenszel test for linear association	.08757	1	.76729

Minimum Expected Frequency - .067
Cells with Expected Frequency < 5 - 74 OF 78 (94.9%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	.00626	.06880	.09098	
Kendall's Tau-c	.00617	.06778	.09098	
Gamma	.00757	.08327	.09098	
Somers' D :				
symmetric	.00625	.06867	.09098	
with FUNCTION dependent	.00665	.07312	.09098	
with PII33 dependent	.00589	.06473	.09098	

Number of Missing Observations: 13

FUNCTION by PII34 Information Situation Control

		PII34						Page 1 of 1	
FUNCTION	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total			
		1.00	2.00	3.00	4.00	5.00	6.00		
Ammunition	1.00			1	4	2		7	5.8
Chemical	4.00					1	1	2	1.7
Maintenance	5.00	1	1	2	6	4	2	16	13.2
POL	6.00	2	1	1	3	7	1	15	12.4
Civil Mil Ops	7.00	3	2	1	2	2		10	8.3
Medical	8.00			2	4		2	8	6.6
Transportation	10.00		4	3	13	7	2	29	24.0
Signal	12.00			2				2	1.7
MP/CID	14.00				2			2	1.7

PSS	17.00	1	1	1	3		6
							5.0
Supply	19.00	1	1	1	7	4	16
							13.2
Other	21.00		1	1	1	1	4
							3.3
Observer/Control	22.00				3	1	4
							3.3
Column		8	11	15	48	29	121
Total		6.6	9.1	12.4	39.7	24.0	100.0

Chi-Square	Value	DF	Significance
Pearson	63.67442	60	.34848
Likelihood Ratio	62.14127	60	.39978
Mantel-Haenszel test for linear association	.18233	1	.66938

Minimum Expected Frequency - .132
Cells with Expected Frequency < 5 - 73 OF 78 (93.6%)

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Kendall's Tau-b	-.06079	.06771	-.89754	
Kendall's Tau-c	-.05901	.06575	-.89754	
Gamma	-.07450	.08294	-.89754	
Somers' D :				
symmetric	-.06062	.06752	-.89754	
with FUNCTION dependent	-.06554	.07308	-.89754	
with PII34 dependent	-.05638	.06274	-.89754	

Number of Missing Observations: 12

CLASS Field, Company, WO, NCO by PII01 Replicates Wartime Procedures

PII01

Page 1 of 1

		Page 1 of 1					
CLASS	Count	Strongly Disagree Somewhat Disagree Somewhat Agree					Row Total
	Col Pct	Disagree		Disagree		Agree	
	Tot Pct	Disagree		Disagree		Agree	
		1	2	3	4	5	
Field Grade	1	6	12	10	16	7	51
		60.0	36.4	38.5	40.0	41.2	40.5
		4.8	9.5	7.9	12.7	5.6	
Company Grade	2	3	18	12	15	6	54
		30.0	54.5	46.2	37.5	35.3	42.9
		2.4	14.3	9.5	11.9	4.8	
WO	3			1			1
				3.8			.8
				.8			
NCO	4	1	3	3	9	4	20
		10.0	9.1	11.5	22.5	23.5	15.9
		.8	2.4	2.4	7.1	3.2	
Column Total		10	33	26	40	17	126
		7.9	26.2	20.6	31.7	13.5	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
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Gamma .10989 .11164 .97767

Number of Missing Observations: 7

CLASS Field, Company, WO, NCO by PII02 Easy to Operate

PII02

Page 1 of 1

		PII02					Page 1 of 1		
CLASS	Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree	Row Total
	Col Pct								
	Tot Pct								
		1	2	3	4	5	6		
Field Grade	1	1	4	9	14	14	3	45	
		100.0	50.0	47.4	45.2	35.0	20.0	39.5	
		.9	3.5	7.9	12.3	12.3	2.6		
Company Grade	2		3	7	12	17	9	48	
			37.5	36.8	38.7	42.5	60.0	42.1	
			2.6	6.1	10.5	14.9	7.9		
WO	3					1		1	
						2.5		.9	
						.9			
NCO	4		1	3	5	8	3	20	
			12.5	15.8	16.1	20.0	20.0	17.5	
			.9	2.6	4.4	7.0	2.6		
Column Total		1	8	19	31	40	15	114	
Total		.9	7.0	16.7	27.2	35.1	13.2	100.0	

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
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Gamma .21976 .10960 1.99091

Number of Missing Observations: 19

CLASS Field, Company, WO, WCO by PII03 Reports Army Standard Format

PII03

Page 1 of 1

CLASS	Count Col Pct Tot Pct	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree					Row Total
		1	2	3	4	5	
		1	2	3	4	5	
Field Grade	1	1	3	8	19	12	46
		33.3	42.9	57.1	39.6	29.3	38.3
Company Grade	2	1	2	6	22	20	53
		33.3	28.6	42.9	45.8	48.8	44.2
WO	3					1	1
						2.4	.8
WCO	4	1	2		7	8	20
		33.3	28.6		14.6	19.5	16.7
Column Total		3	7	14	48	41	120
Total		2.5	5.8	11.7	40.0	34.2	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.17958	.12369	1.44607	

Number of Missing Observations: 13

CLASS Field, Company, WO, WCO by PII04 Excellent Trainer

PII04

Page 1 of 1

CLASS	Count Col Pct Tot Pct	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree					Row Total
		1	2	3	4	5	
		1	2	3	4	5	
Field Grade	1	3	5	7	16	11	47
		60.0	45.5	41.2	34.8	35.5	38.5
Company Grade	2	1	5	10	20	13	54
		20.0	45.5	58.8	43.5	41.9	44.3
WO	3				1		1
					2.2		.8
WCO	4	1	1		9	7	20
		20.0	9.1		19.6	22.6	16.4
Column Total		5	11	17	46	31	122
Total		4.1	9.0	13.9	37.7	25.4	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Gamma .12550 .11180 1.11539

Number of Missing Observations: 11

CLASS Field, Company, WO, MCO by PII05 Little Training Value

PII05

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CLASS	Count Col Pct Tot Pct	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1	2	3	4	5	6	
Field Grade	1	11 50.0 8.6	15 42.9 11.7	9 29.0 7.0	9 36.0 7.0	4 40.0 3.1	3 60.0 2.3	51 39.8
	2	5 22.7 3.9	17 48.6 13.3	14 45.2 10.9	13 52.0 10.2	5 50.0 3.9	2 40.0 1.6	56 43.8
	3				1 4.0 .8			1 .8
MCO	4	6 27.3 4.7	3 8.6 2.3	8 25.8 6.3	2 8.0 1.6	1 10.0 .8		20 15.6
	Column Total	22 17.2	35 27.3	31 24.2	25 19.5	10 7.8	5 3.9	128 100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
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Gamma .00758 .11032 .06872

Number of Missing Observations: 5

CLASS Field, Company, WO, MCO by PII06 Spot/Alert Reports Tailorable

PII06

Page 1 of 1

Page 1 of 1

CLASS	Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree		Row Total
	Col Pct									
	Tot Pct	1	2	3	4	5	6			
Field Grade	1	1	5	5	7	15	4	37		
		100.0	55.6	41.7	20.0	40.5	57.1	36.6		
		1.0	5.0	5.0	6.9	14.9	4.0			
Company Grade	2		4	3	20	15	1	43		
			44.4	25.0	57.1	40.5	14.3	42.6		
			4.0	3.0	19.8	14.9	1.0			
WO	3			1				1		
				8.3				1.0		
				1.0						
MCO	4			3	8	7	2	20		
				25.0	22.9	18.9	28.6	19.8		
				3.0	7.9	6.9	2.0			
	Column Total	1	9	12	35	37	7	101		
		1.0	8.9	11.9	34.7	36.6	6.9	100.0		

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.00248	.13441	.01848	

Number of Missing Observations: 32

CLASS Field, Company, WO, MCO by PII07 Prior CSSTSS Training Inadequate

PII07

Page 1 of 1

CLASS	Count Col Pct Tot Pct	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1	2	3	4	5	6	
Field Grade	1	4 36.4 3.3	5 33.3 4.2	4 50.0 3.3	5 35.7 4.2	13 44.8 10.8	20 46.5 16.7	51 42.5
	2	6 54.5 5.0	4 26.7 3.3	3 37.5 2.5	7 50.0 5.8	11 37.9 9.2	19 44.2 15.8	50 41.7
	3					1 3.4 .8		1 .8
MCO	4	1 9.1 .8	6 40.0 5.0	1 12.5 .8	2 14.3 1.7	4 13.8 3.3	4 9.3 3.3	18 15.0
	Column Total	11 9.2	15 12.5	8 6.7	14 11.7	29 24.2	43 35.8	120 100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.14580	.10780	-1.33616	

Number of Missing Observations: 13

CLASS Field, Company, WO, MCO by PII08 Realistic Doctrinal Representation

PII08

Page 1 of 1

CLASS	Count Col Pct Tot Pct	PII08					Row Total	
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree		
		1	2	3	4	5		6
Field Grade	1	7	10	10	14	8	1	50
		36.8	45.5	41.7	34.1	42.1	100.0	39.7
		5.6	7.9	7.9	11.1	6.3	.8	
Company Grade	2	9	11	9	22	4		55
		47.4	50.0	37.5	53.7	21.1		43.7
		7.1	8.7	7.1	17.5	3.2		
WO	3			1				1
				4.2				.8
				.8				
MCO	4	3	1	4	5	7		20
		15.8	4.5	16.7	12.2	36.8		15.9
		2.4	.8	3.2	4.0	5.6		

Column	19	22	24	41	19	1	126
Total	15.1	17.5	19.0	32.5	15.1	.8	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.07868	.11457	.68372	

Number of Missing Observations: 7

CLASS Field, Company, WO, NCO by PII09 Appropriate Event Sequencing

PII09 Page 1 of 1

CLASS	Count Col Pct Tot Pct	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1	2	3	4	5	6	
Field Grade	1	3	10	6	16	13	2	50
		33.3	50.0	35.3	37.2	39.4	66.7	40.0
		2.4	8.0	4.8	12.8	10.4	1.6	
Company Grade	2	6	9	9	19	11		54
		66.7	45.0	52.9	44.2	33.3		43.2
		4.8	7.2	7.2	15.2	8.8		
WO	3				1			1
					2.3			.8
					.8			
NCO	4		1	2	7	9	1	20
			5.0	11.8	16.3	27.3	33.3	16.0
			.8	1.6	5.6	7.2	.8	
Column Total		9	20	17	43	33	3	125
		7.2	16.0	13.6	34.4	26.4	2.4	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.12964	.11090	1.15448	

Number of Missing Observations: 8

CLASS Field, Company, WO, NCO by PII10 Appropriate Time between Events

PII10 Page 1 of 1

CLASS	Count Col Pct Tot Pct	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
		1	2	3	4	5	6	
Field Grade	1	4	8	10	15	12	1	50
		36.4	32.0	41.7	40.5	44.4	50.0	39.7
		3.2	6.3	7.9	11.9	9.5	.8	
Company Grade	2	7	13	10	13	12		55
		63.6	52.0	41.7	35.1	44.4		43.7
		5.6	10.3	7.9	10.3	9.5		
WO	3			1				1
				4.2				.8
				.8				

NCO	4		4	3	9	3	1	20
		16.0	12.5	24.3	11.1	50.0		15.9
		3.2	2.4	7.1	2.4	.8		
Column	11	25	24	37	27	2		126
Total	8.7	19.8	19.0	29.4	21.4	1.6		100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.02914	.10232	-.28516	

Number of Missing Observations: 7

CLASS Field, Company, WO, NCO by PII11 Info Fidelity Not Present

		PII11					Page 1 of 1	
CLASS	Count	Strongly Disagree					Row Total	
	Col Pct	Disagree						
	Tot Pct	Disagree						
		1	2	3	4	5	6	
Field Grade	1	1	9	5	10	17	9	51
		33.3	50.0	29.4	34.5	47.2	39.1	40.5
		.8	7.1	4.0	7.9	13.5	7.1	
Company Grade	2	2	3	9	15	15	10	54
		66.7	16.7	52.9	51.7	41.7	43.5	42.9
		1.6	2.4	7.1	11.9	11.9	7.9	
WO	3		1					1
			5.6					.8
			.8					
NCO	4		5	3	4	4	4	20
			27.8	17.6	13.8	11.1	17.4	15.9
			4.0	2.4	3.2	3.2	3.2	
Column		3	18	17	29	36	23	126
Total		2.4	14.3	13.5	23.0	28.6	18.3	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.06346	.11230	-.56366	

Number of Missing Observations: 7

CLASS Field, Company, WO, NCO by PII12 Request Procedures Appropriate

		PII12					Page 1 of 1			
CLASS	Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree		Row Total
	Col Pct	Disagre		Disagra		Agree		Agree		
	Tot Pct									
		1	2	3	4	5	6			
Field Grade	1	3	4	8	15	15			45	
		30.0	25.0	30.8	32.6	78.9			38.1	
		2.5	3.4	6.8	12.7	12.7				
Company Grade	2	4	11	11	23	2	1		52	
		40.0	68.8	42.3	50.0	10.5	100.0		44.1	
		3.4	9.3	9.3	19.5	1.7	.8			

WO	3				1		1
				2.2			.8
				.8			
MCO	4	3	1	7	7	2	20
		30.0	6.3	26.9	15.2	10.5	16.9
		2.5	.8	5.9	5.9	1.7	
Column		10	16	26	46	19	118
Total		8.5	13.6	22.0	39.0	16.1	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.28121	.11086	-2.49163	

Number of Missing Observations: 15

CLASS Field, Company, WO, MCO by PII13 Resource Distribution Appropriate

		PII13					Page 1 of 1
CLASS	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
	Col Pct	Disagre	Disagre	Agree	Agree		
	Tot Pct	1	2	3	4	5	6
Field Grade	1	4	4	6	18	13	45
		44.4	28.6	28.6	34.6	61.9	38.1
		3.4	3.4	5.1	15.3	11.0	
Company Grade	2	3	9	12	21	6	52
		33.3	64.3	57.1	40.4	28.6	44.1
		2.5	7.6	10.2	17.8	5.1	.8
WO	3				1		1
					1.9		.8
					.8		
MCO	4	2	1	3	12	2	20
		22.2	7.1	14.3	23.1	9.5	16.9
		1.7	.8	2.5	10.2	1.7	
Column		9	14	21	52	21	118
Total		7.6	11.9	17.8	44.1	17.8	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.13289	.11614	-1.14060	

Number of Missing Observations: 15

CLASS Field, Company, WO, MCO by PII14 Replicated Airland Battle Doctrine

		PII14					Page 1 of 1
CLASS	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
	Col Pct	Disagre	Disagre	Agree	Agree		
	Tot Pct	1	2	3	4	5	6
Field Grade	1	3	5	8	22	6	44
		33.3	33.3	36.4	42.3	37.5	38.6
		2.6	4.4	7.0	19.3	5.3	

		Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree		Row
		Col Pct	Disagree	Disagree	Disagree	Agree	Agree	Agree	Agree	Agree	Total
		Tot Pct	1	2	3	4	5	6	6		
CLASS											
	1			3	11	14	14	14	4		46
Field Grade			37.5	78.6	31.1	40.0	30.8				39.0
			2.5	9.3	11.9	11.9	3.4				
	2		2	5	2	20	15	8			52
Company Grade			66.7	62.5	14.3	44.4	42.9	61.5			44.1
			1.7	4.2	1.7	16.9	12.7	6.8			
	3						1				1
WO							2.9				.8
							.8				
	4		1		1	11	5	1			19
WCO			33.3		7.1	24.4	14.3	7.7			16.1
			.8		.8	9.3	4.2	.8			
		Column	3	8	14	45	35	13			118
		Total	2.5	6.8	11.9	38.1	29.7	11.0			100.0

Field Grade	1	6 66.7 5.0	7 38.9 5.8	6 31.6 5.0	11 27.5 9.2	13 48.1 10.8	3 42.9 2.5	46 38.3
	2	3 33.3 2.5	8 44.4 6.7	10 52.6 8.3	22 55.0 18.3	9 33.3 7.5	2 28.6 1.7	54 45.0
	3				1 2.5 .8			1 .8
WO	4		3 16.7 2.5	3 15.8 2.5	6 15.0 5.0	5 18.5 4.2	2 28.6 1.7	19 15.8
	Column Total	9 7.5	18 15.0	19 15.8	40 33.3	27 22.5	7 5.8	120 100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Gamma .06528 .11761 .55318

Number of Missing Observations: 13

CLASS Field, Company, WO, NCO by PII17 CSSTSS Info Not Accurate

PII17

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CLASS	Count	Strongly Disagree					Somewhat Disagree		Somewhat Agree		Strongly Agree		Row Total
	Col Pct	Disagree		Disagree		Agree		Agree		Agree			
	Tot Pct	1	2	3	4	5	6						
Field Grade	1	3	11	14	9	7	4	48					
		100.0	44.0	43.8	34.6	36.8	30.8	40.7					
		2.5	9.3	11.9	7.6	5.9	3.4						
Company Grade	2		12	12	13	7	8	52					
			48.0	37.5	50.0	36.8	61.5	44.1					
			10.2	10.2	11.0	5.9	6.8						
WO	3					1		1					
						5.3		.8					
						.8							
NCO	4		2	6	4	4	1	17					
			8.0	18.8	15.4	21.1	7.7	14.4					
			1.7	5.1	3.4	3.4	.8						
Column Total		3	25	32	26	19	13	118					
Total		2.5	21.2	27.1	22.0	16.1	11.0	100.0					

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Gamma .16778 .10404 1.60043

Number of Missing Observations: 15

CLASS Field, Company, WO, NCO by PII18 Information Overload

PII18

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Count

CLASS	Col Pct	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree		Row Total
	Tot Pct	Disagre		Disagre	Agree		Agree			
		1	2	3	4	5	6			
Field Grade	1	4	23	14	5	2			48	
		28.6	45.1	35.0	45.5	50.0			39.0	
		3.3	18.7	11.4	4.1	1.6				
Company Grade	2	9	19	21	4	1	1		55	
		64.3	37.3	52.5	36.4	25.0	33.3		44.7	
		7.3	15.4	17.1	3.3	.8	.8			
WO	3			1					1	
				2.5					.8	
				.8						
NCO	4	1	9	4	2	1	2		19	
		7.1	17.6	10.0	18.2	25.0	66.7		15.4	
		.8	7.3	3.3	1.6	.8	1.6			
Column Total		14	51	40	11	4	3		123	
		11.4	41.5	32.5	8.9	3.3	2.4		100.0	

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.06743	.11904	.56342	

Number of Missing Observations: 10

CLASS Field, Company, WO, NCO by PIII9 Functional Area Interface Correct

		PIII9					Page 1 of 1	
CLASS	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row
	Col Pct	Disagree	Disagree	Disagree	Agree	Agree	Agree	Total
	Tot Pct	1	2	3	4	5	6	
Field Grade	1	2	5	10	19	13	1	50
		22.2	29.4	45.5	41.3	52.0	50.0	41.3
		1.7	4.1	8.3	15.7	10.7	.8	
Company Grade	2	5	11	6	20	9	1	52
		55.6	64.7	27.3	43.5	36.0	50.0	43.0
		4.1	9.1	5.0	16.5	7.4	.8	
WO	3			1				1
				4.5				.8
				.8				
NCO	4	2	1	5	7	3		18
		22.2	5.9	22.7	15.2	12.0		14.9
		1.7	.8	4.1	5.8	2.5		
Column Total		9	17	22	46	25	2	121
		7.4	14.0	18.2	38.0	20.7	1.7	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.16893	.10577	-1.58366	

Number of Missing Observations: 12

CLASS Field, Company, WO, NCO by PII20 Info Fidelity Not Present

Page 1 of 1

		PII20						Row Total
CLASS	Count Col Pct Tot Pct	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
		1	2	3	4	5	6	
Field Grade	1	1 33.3 .8	8 47.1 6.6	13 39.4 10.7	7 28.0 5.7	14 42.4 11.5	5 45.5 4.1	48 39.3
	2	2 66.7 1.6	6 35.3 4.9	16 48.5 13.1	12 48.0 9.8	14 42.4 11.5	4 36.4 3.3	54 44.3
	3			1 3.0 .8				1 .8
NCO	4		3 17.6 2.5	3 9.1 2.5	6 24.0 4.9	5 15.2 4.1	2 18.2 1.6	19 15.6
Column Total		3 2.5	17 13.9	33 27.0	25 20.5	33 27.0	11 9.0	122 100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.02131	.11188	.19043	

Number of Missing Observations: 11

CLASS Field, Company, WO, NCO by PII21 Training Objectives Met

Page 1 of 1

		PII21						Row Total
CLASS	Count Col Pct Tot Pct	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
		1	2	3	4	5	6	
Field Grade	1	2 20.0 1.7	4 30.8 3.3	5 45.5 4.1	20 38.5 16.5	15 51.7 12.4	4 66.7 3.3	50 41.3
	2	6 60.0 5.0	6 46.2 5.0	6 54.5 5.0	24 46.2 19.8	7 24.1 5.8	2 33.3 1.7	51 42.1
	3					1 3.4 .8		1 .8
NCO	4	2 20.0 1.7	3 23.1 2.5		8 15.4 6.6	6 20.7 5.0		19 15.7
Column Total		10 8.3	13 10.7	11 9.1	52 43.0	29 24.0	6 5.0	121 100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.17675	.11580	-1.52032	

Number of Missing Observations: 12

CLASS Field, Company, WO, NCO by PII22 Information Situation Control

Page 1 of 1

		PII22						
CLASS	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row
	Col Pct	Disagree		Disagree	Agree		Agree	Total
	Tot Pct	1	2	3	4	5	6	
Field Grade	1	5	9	10	11	13	3	51
		41.7	42.9	41.7	33.3	44.8	60.0	41.1
		4.0	7.3	8.1	8.9	10.5	2.4	
Company Grade	2	5	10	12	14	12		53
		41.7	47.6	50.0	42.4	41.4		42.7
		4.0	8.1	9.7	11.3	9.7		
WO	3				1			1
					3.0			.8
					.8			
NCO	4	2	2	2	7	4	2	19
		16.7	9.5	8.3	21.2	13.8	40.0	15.3
		1.6	1.6	1.6	5.6	3.2	1.6	
Column Total		12	21	24	33	29	5	124
		9.7	16.9	19.4	26.6	23.4	4.0	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.02655	.11268	.23539	

Number of Missing Observations: 9

CLASS Field, Company, WO, NCO by PII23 Accurate Data Produced

Page 1 of 1

		PII23						
CLASS	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
	Col Pct							
	Tot Pct	1	2	3	4	5		6
Field Grade	1	1	3	14	17	9	2	46
		16.7	30.0	42.4	39.5	36.0	100.0	38.7
		.8	2.5	11.8	14.3	7.6	1.7	
Company Grade	2	4	5	14	18	12		53
		66.7	50.0	42.4	41.9	48.0		44.5
		3.4	4.2	11.8	15.1	10.1		
WO	3				1			1
					2.3			.8
					.8			
NCO	4	1	2	5	7	4		19
		16.7	20.0	15.2	16.3	16.0		16.0
		.8	1.7	4.2	5.9	3.4		
Column Total		6	10	33	43	25	2	119
		5.0	8.4	27.7	36.1	21.0	1.7	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Gamma

-.07448

.11349

.55450

Number of Missing Observations: 14

CLASS Field, Company, WO, NCO by PII24 Execution Procedures Not Present

PII24

Page 1 of 1

		Page 1 of 1						
CLASS	Count	Strongly Disagree		Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total
	Col Pct							
	Tot Pct	1	2	3	4	5	6	
Field Grade	1	3	5	12	13	14	1	48
		60.0	33.3	40.0	36.1	51.9	16.7	40.3
		2.5	4.2	10.1	10.9	11.8	.8	
Company Grade	2	2	6	14	17	8	5	52
		40.0	40.0	46.7	47.2	29.6	83.3	43.7
		1.7	5.0	11.8	14.3	6.7	4.2	
WO	3		1					1
			6.7					.8
NCO	4		3	4	6	5		18
			20.0	13.3	16.7	18.5		15.1
			2.5	3.4	5.0	4.2		
Column Total		5	15	30	36	27	6	119
		4.2	12.6	25.2	30.3	22.7	5.0	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance

Gamma

-.02069

.11113

-.18615

Number of Missing Observations: 14

CLASS Field, Company, WO, NCO by PII25 Report Fidelity Excessive

PII25

Page 1 of 1

Page 1 of 1

CLASS	Count	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree					Row Total	
	Col Pct	Disagree		Agree		Agree		
	Tot Pct	1	2	3	4	5		6
Field Grade	1	5	14	20	2	4	1	46
		55.6	36.8	40.0	22.2	66.7	16.7	39.0
		4.2	11.9	16.9	1.7	3.4	.8	
Company Grade	2	3	18	22	4	1	4	52
		33.3	47.4	44.0	44.4	16.7	66.7	44.1
		2.5	15.3	18.6	3.4	.8	3.4	
WO	3		1					1
			2.6					.8
			.8					
NCO	4	1	5	8	3	1	1	19
		11.1	13.2	16.0	33.3	16.7	16.7	16.1
		.8	4.2	6.8	2.5	.8	.8	
Column Total		9	38	50	9	6	6	118
		7.6	32.2	42.4	7.6	5.1	5.1	100.0

Approximate

Statistic	Value	ASE1	Val/ASE0	Significance
Gamma	.09971	.12086	.82082	

Number of Missing Observations: 15

CLASS Field, Company, WO, NCO by PII26 Tactical Fidelity Present

		PII26					Page 1 of 1	
CLASS	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
	Col Pct							
	Tot Pct	1	2	3	4	5		6
Field Grade	1	7	10	10	8	10	2	47
		41.2	41.7	35.7	33.3	47.6	40.0	39.5
		5.9	8.4	8.4	6.7	8.4	1.7	
Company Grade	2	8	13	13	10	7	1	52
		47.1	54.2	46.4	41.7	33.3	20.0	43.7
		6.7	10.9	10.9	8.4	5.9	.8	
WO	3					1		1
						4.8		.8
						.8		
NCO	4	2	1	5	6	3	2	19
		11.8	4.2	17.9	25.0	14.3	40.0	16.0
		1.7	.8	4.2	5.0	2.5	1.7	
Column Total		17	24	28	24	21	5	119
		14.3	20.2	23.5	20.2	17.6	4.2	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.07841	.11062	.70511	

Number of Missing Observations: 14

CLASS Field, Company, WO, NCO by PII27 Function Doctrinally Represented

		PII27					Page 1 of 1			
CLASS	Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree		Row Total
	Col Pct	Disagre		Disagre		Agree		Agree		
	Tot Pct	1	2	3	4	5	6			
Field Grade	1	4	5	13	15	10	1			48
		28.6	29.4	44.8	36.6	52.6	100.0			39.7
		3.3	4.1	10.7	12.4	8.3	.8			
Company Grade	2	8	9	15	15	6				53
		57.1	52.9	51.7	36.6	31.6				43.8
		6.6	7.4	12.4	12.4	5.0				
WO	3				1					1
					2.4					.8
					.8					
NCO	4	2	3	1	10	3				19
		14.3	17.6	3.4	24.4	15.8				15.7
		1.7	2.5	.8	8.3	2.5				
Column Total		14	17	29	41	19	1			121
		11.6	14.0	24.0	33.9	15.7	.8			100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.07788	.11348	-.68636	

Number of Missing Observations: 12

CLASS Field, Company, WO, WCO by PII28 Status of Forces Doctrinally Correct

		PII28					Page 1 of 1	
CLASS	Count	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree					Row Total	
	Col Pct							
	Tot Pct	Disagree	Disagree	Agree	Agree	Agree		
		1	2	3	4	5	6	
Field Grade	1	2	9	6	18	11	1	47
		22.2	56.3	30.0	41.9	47.8	100.0	42.0
		1.8	8.0	5.4	16.1	9.8	.9	
Company Grade	2	7	3	12	16	9		47
		77.8	18.8	60.0	37.2	39.1		42.0
		6.3	2.7	10.7	14.3	8.0		
WO	3				1			1
					2.3			.9
					.9			
WCO	4		4	2	8	3		17
			25.0	10.0	18.6	13.0		15.2
			3.6	1.8	7.1	2.7		
Column Total		9	16	20	43	23	1	112
		8.0	14.3	17.9	38.4	20.5	.9	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.07027	.11437	-.61407	

Number of Missing Observations: 21

CLASS Field, Company, WO, WCO by PII29 CSSTSS Not Realistic

PII29

Page 1 of 1

CLASS	Count Col Pct Tot Pct	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree					Row Total	
		1	2	3	4	5		6
Field Grade	1	1	6	16	10	11	4	48
		50.0	30.0	41.0	37.0	57.9	33.3	40.3
		.8	5.0	13.4	8.4	9.2	3.4	
Company Grade	2	1	10	17	11	7	6	52
		50.0	50.0	43.6	40.7	36.8	50.0	43.7
		.8	8.4	14.3	9.2	5.9	5.0	
WO	3				1			1
					3.7			.8
					.8			
WCO	4		4	6	5	1	2	18
			20.0	15.4	18.5	5.3	16.7	15.1

		3.4	5.0	4.2	.8	1.7	
Column	2	20	39	27	19	12	119
Total	1.7	16.8	32.8	22.7	16.0	10.1	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.09625	.10915	-.88070	

Number of Missing Observations: 14

CLASS Field, Company, WO, WCO by PII30 Prior Training Not Useful

		PII30						Page 1 of 1
CLASS	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
	Col Pct	Disagre	Disagre	Agree	Agree	Agree		
	Tot Pct	1	2	3	4	5	6	Total
Field Grade	1	6	9	16	8	3	2	44
		35.3	33.3	50.0	50.0	27.3	66.7	41.5
		5.7	8.5	15.1	7.5	2.8	1.9	
Company Grade	2	6	12	11	6	7	1	43
		35.3	44.4	34.4	37.5	63.6	33.3	40.6
		5.7	11.3	10.4	5.7	6.6	.9	
WO	3	1						1
		5.9						.9
		.9						
WCO	4	4	6	5	2	1		18
		23.5	22.2	15.6	12.5	9.1		17.0
		3.8	5.7	4.7	1.9	.9		
Column		17	27	32	16	11	3	106
Total		16.0	25.5	30.2	15.1	10.4	2.8	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.15771	.11112	-1.40398	

Number of Missing Observations: 27

CLASS Field, Company, WO, WCO by PII31 CSSTSS Training Appropriate

		PII31						Page 1 of 1
CLASS	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
	Col Pct	Disagre	Disagre	Agree	Agree	Agree		
	Tot Pct	1	2	3	4	5	6	Total
Field Grade	1	9	11	8	10	6	1	45
		36.0	42.3	42.1	47.6	37.5	20.0	40.2
		8.0	9.8	7.1	8.9	5.4	.9	
Company Grade	2	14	12	9	6	6	2	49
		56.0	46.2	47.4	28.6	37.5	40.0	43.8
		12.5	10.7	8.0	5.4	5.4	1.8	
WO	3					1		1
						6.3		.9

					.9		
	2	3	2	5	3	2	17
	8.0	11.5	10.5	23.8	18.8	40.0	15.2
	1.8	2.7	1.8	4.5	2.7	1.8	
Column	25	26	19	21	16	5	112
Total	22.3	23.2	17.0	18.8	14.3	4.5	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.09250	.11105	.82542	

Number of Missing Observations: 21

CLASS Field, Company, WO, NCO by PII32 Workload Fidelity Present

		PII32						Page 1 of 1
CLASS	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
	Col Pct	Disagree	Disagree	Disagree	Agree	Agree		
	Tot Pct	1	2	3	4	5	6	Total
Field Grade	1	16	12	9	7	2	3	49
		32.0	52.2	50.0	43.8	18.2	75.0	40.2
		13.1	9.8	7.4	5.7	1.6	2.5	
Company Grade	2	29	8	4	7	5		53
		58.0	34.8	22.2	43.8	45.5		43.4
		23.8	6.6	3.3	5.7	4.1		
WO	3			1				1
				5.6				.8
				.8				
NCO	4	5	3	4	2	4	1	19
		10.0	13.0	22.2	12.5	36.4	25.0	15.6
		4.1	2.5	3.3	1.6	3.3	.8	
Column		50	23	18	16	11	4	122
Total		41.0	18.9	14.8	13.1	9.0	3.3	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	.00836	.11237	.07434	

Number of Missing Observations: 11

CLASS Field, Company, WO, NCO by PII33 Training Objectives Met

		PII33						Page 1 of 1
CLASS	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	Row Total	
	Col Pct	Disagree	Disagree	Disagree	Agree	Agree		
	Tot Pct	1	2	3	4	5	6	Total
Field Grade	1	4	5	3	20	14	1	47
		36.4	31.3	15.8	48.8	48.3	25.0	39.2
		3.3	4.2	2.5	16.7	11.7	.8	
Company Grade	2	5	9	10	18	10	1	53
		45.5	56.3	52.6	43.9	34.5	25.0	44.2

		4.2	7.5	8.3	15.0	8.3	.8	
WO	3					1 3.4 .8		1 .8
MCO	4	2 18.2 1.7	2 12.5 1.7	6 31.6 5.0	3 7.3 2.5	4 13.8 3.3	2 50.0 1.7	19 15.0
Column		11	16	19	41	29	4	120
Total		9.2	13.3	15.8	34.2	24.2	3.3	100.0

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.13191	.11592	-1.14067	

Number of Missing Observations: 13

CLASS Field, Company, WO, MCO by PII34 Information Situation Control

		PII34						Page 1 of 1		
CLASS	Count	Strongly Disagree		Somewhat Disagree		Somewhat Agree		Strongly Agree		Row Total
	Col Pct									
	Tot Pct	1	2	3	4	5	6			
Field Grade	1	3	2	4	24	10	5	48		
		37.5	18.2	26.7	50.0	34.5	50.0	39.7		
		2.5	1.7	3.3	19.8	8.3	4.1			
Company Grade	2	4	7	8	19	12	3	53		
		50.0	63.6	53.3	39.6	41.4	30.0	43.8		
		3.3	5.8	6.6	15.7	9.9	2.5			
WO	3					1		1		
						3.4		.8		
						.8				
WCO	4	1	2	3	5	6	2	19		
		12.5	18.2	20.0	10.4	20.7	20.0	15.7		
		.8	1.7	2.5	4.1	5.0	1.7			
Column		8	11	15	48	29	10	121		
Total		6.6	9.1	12.4	39.7	24.0	8.3	100.0		

Statistic	Value	ASE1	Val/ASE0	Approximate Significance
Gamma	-.05572	.11458	-.48635	

Number of Missing Observations: 12

COMP by PII01 Replicates Wartime Procedures

Page 1 of 1

COMP	Count	PII01					Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	
		1	2	3	4	5	
Active	1.00	4	20	16	19	8	67
							53.2
Reserve	2.00	3	8	7	17	7	42
							33.3
Guard	3.00	3	5	3	4	2	17
							13.5
Column Total		10	33	26	40	17	126
		7.9	26.2	20.6	31.7	13.5	100.0

Number of Missing Observations: 7

COMP by PII02 Easy to Operate

Page 1 of 1

COMP	Count	PII02						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	1	5	14	18	19	5	62
								54.4
Reserve	2.00		1	5	10	13	6	35
								30.7
Guard	3.00		2		3	8	4	17
								14.9
Column Total		1	8	19	31	40	15	114
		.9	7.0	16.7	27.2	35.1	13.2	100.0

Number of Missing Observations: 19

COMP by PII03 Reports Army Standard Format

Page 1 of 1

COMP	Count	PII03						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	2	4	11	26	20	2	65
								54.2
Reserve	2.00	1	3	2	16	13	3	38
								31.7
Guard	3.00			1	6	8	2	17
								14.2
Column Total		3	7	14	48	41	7	120
		2.5	5.8	11.7	40.0	34.2	5.8	100.0

Number of Missing Observations: 13

COMP by PII04 Excellent Trainer

Page 1 of 1

Count	PII04				Strongly
	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	

COMP		Disagre		Disagre	Agree	Agree		Row Total
		1	2	3	4	5	6	
Active	1.00	2	6	10	21	20	5	64
								52.5
Reserve	2.00		4	3	20	10	4	41
								33.6
Guard	3.00	3	1	4	5	1	3	17
								13.9
Column Total		5	11	17	46	31	12	122
		4.1	9.0	13.9	37.7	25.4	9.8	100.0

COMP by PII05 Little Training Value

Number of Missing Observations: 5

COMP by PII06 Spot/Alert Reports Tailorable

Number of Missing Observations: 32

COMP by PII07 Prior CSSTSS Training Inadequate

		PII07					Page 1 of 1	
COMP	Count	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1	2	3	4	5	6	
Active	1.00	3	8	6	9	17	21	64
								53.3
Reserve	2.00	5	6	2	4	8	15	40
								33.3
Guard	3.00	3	1		1	4	7	16
								13.3

Column	11	15	8	14	29	43	120
Total	9.2	12.5	6.7	11.7	24.2	35.8	100.0

Number of Missing Observations: 13

COMP by PII08 Realistic Doctrinal Representation

Page 1 of 1

COMP	Count	PII08						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	11	11	14	20	10		66 52.4
Reserve	2.00	3	8	10	15	6	1	43 34.1
Guard	3.00	5	3		6	3		17 13.5
Column Total		19	22	24	41	19	1	126
Total		15.1	17.5	19.0	32.5	15.1	.8	100.0

Number of Missing Observations: 7

COMP by PII09 Appropriate Event Sequencing

Page 1 of 1

COMP	Count	PII09						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	2	10	8	28	16	1	65 52.0
Reserve	2.00	4	8	8	9	13	1	43 34.4
Guard	3.00	3	2	1	6	4	1	17 13.6
Column Total		9	20	17	43	33	3	125
Total		7.2	16.0	13.6	34.4	26.4	2.4	100.0

Number of Missing Observations: 8

COMP by PII10 Appropriate Time between Events

Page 1 of 1

COMP	Count	PII10						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	5	10	14	25	12		66 52.4
Reserve	2.00	2	13	6	8	13	1	43 34.1
Guard	3.00	4	2	4	4	2	1	17 13.5
Column Total		11	25	24	37	27	2	126
Total		8.7	19.8	19.0	29.4	21.4	1.6	100.0

Number of Missing Observations: 7

COMP by PII11 Info Fidelity Not Present

Page 1 of 1

Count	PII11

Guard						14.0
Column	9	15	22	52	16	114
Total	7.9	13.2	19.3	45.6	14.0	100.0

Number of Missing Observations: 19

COMP by PII15 Summary Reports Friendly

		PII15						Page 1 of 1	
COMP	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1	2	3	4	5	6		
Active	1.00		6	9	26	20	3	64	54.2
Reserve	2.00		2	4	15	10	6	37	31.4
Guard	3.00	3		1	4	5	4	17	14.4
Column		3	8	14	45	35	13	118	
Total		2.5	6.8	11.9	38.1	29.7	11.0	100.0	

Number of Missing Observations: 15

COMP by PII16 Information Timeliness

		PII16						Page 1 of 1	
COMP	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1	2	3	4	5	6		
Active	1.00	3	7	13	27	12	1	63	52.5
Reserve	2.00	3	8	6	9	10	4	40	33.3
Guard	3.00	3	3		4	5	2	17	14.2
Column		9	18	19	40	27	7	120	
Total		7.5	15.0	15.8	33.3	22.5	5.8	100.0	

Number of Missing Observations: 13

COMP by PII17 CSSTSS Info Not Accurate

		PII17						Page 1 of 1	
COMP	Count	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	Row Total	
		1	2	3	4	5	6		
Active	1.00		13	19	13	12	7	64	54.2
Reserve	2.00	1	10	9	11	5	2	38	32.2
Guard	3.00	2	2	4	2	2	4	16	13.6
Column		3	25	32	26	19	13	118	
Total		2.5	21.2	27.1	22.0	16.1	11.0	100.0	

Number of Missing Observations: 15

COMP by PII18 Information Overload

COMP	Count	Strongly Disagree Somewhat Disagree Somewhat Agree Strongly Agree						Row Total
		1	2	3	4	5	6	
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree			
Active	1.00	7	26	23	7	3		66 53.7
Reserve	2.00	5	19	9	4	1	2	40 32.5
Guard	3.00	2	6	8			1	17 13.8
Column Total		14	51	40	11	4	3	123
		11.4	41.5	32.5	8.9	3.3	2.4	100.0

Number of Missing Observations: 10

COMP by PII19 Functional Area Interface Correct

COMP	Count	PII19						Row Total
		1	2	3	4	5	6	
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree			
Active	1.00	6	10	13	21	14	1	65 53.7
Reserve	2.00		4	7	19	8	1	39 32.2
Guard	3.00	3	3	2	6	3		17 14.0
Column Total		9	17	22	46	25	2	121
		7.4	14.0	18.2	38.0	20.7	1.7	100.0

Number of Missing Observations: 12

COMP by PII20 Info Fidelity Not Present

COMP	Count	PII20						Row Total
		1	2	3	4	5	6	
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree			
Active	1.00		9	24	13	15	3	64 52.5
Reserve	2.00	2	6	5	12	11	5	41 33.6
Guard	3.00	1	2	4		7	3	17 13.9
Column Total		3	17	33	25	33	11	122
		2.5	13.9	27.0	20.5	27.0	9.0	100.0

Number of Missing Observations: 11

COMP by PII21 Training Objectives Met

COMP	Count	PII21						Row Total
		1	2	3	4	5	6	
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree			
Active	1.00	5	5	5	29	19	1	64 52.9
Reserve	2.00	1	5	4	20	7	3	40 33.1

Guard	3.00	4	3	2	3	3	2	17
								14.0
Column		10	13	11	52	29	6	121
Total		8.3	10.7	9.1	43.0	24.0	5.0	100.0

Number of Missing Observations: 12

COMP by PII22 Information Situation Control

Page 1 of 1

COMP	Count	PII22						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	2	9	16	21	15	2	65
								52.4
Reserve	2.00	5	10	5	11	9	2	42
								33.9
Guard	3.00	5	2	3	1	5	1	17
								13.7
Column		12	21	24	33	29	5	124
Total		9.7	16.9	19.4	26.6	23.4	4.0	100.0

Number of Missing Observations: 9

COMP by PII23 Accurate Data Produced

Page 1 of 1

COMP	Count	PII23						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	2	6	19	24	11		62
								52.1
Reserve	2.00	1	4	10	13	10	2	40
								33.6
Guard	3.00	3			6	4		17
								14.3
Column		6	10	33	43	25	2	119
Total		5.0	8.4	27.7	36.1	21.0	1.7	100.0

Number of Missing Observations: 14

COMP by PII24 Execution Procedures Not Present

Page 1 of 1

COMP	Count	PII24						Row Total
		Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree	
		1	2	3	4	5	6	
Active	1.00	2	8	18	20	13	3	64
								53.8
Reserve	2.00	1	5	8	11	13		38
								31.9
Guard	3.00	2	2	4	5	1	3	17
								14.3
Column		5	15	30	36	27	6	119
Total		4.2	12.6	25.2	30.3	22.7	5.0	100.0

Number of Missing Observations: 14

COMP by PII25 Report Fidelity Excessive

COMP	Count	Strongly Disagree Somewhat Somewhat Agree Strongly						Row Total
		Disagree	Disagree	Disagree	Agree	Agree	Agree	
		1	2	3	4	5	6	
Active	1.00	1	21	31	5	3	3	64 54.2
Reserve	2.00	3	13	15	3	3		37 31.4
Guard	3.00	5	4	4	1		3	17 14.4
Column Total		9	38	50	9	6	6	118
Total		7.6	32.2	42.4	7.6	5.1	5.1	100.0

Number of Missing Observations: 15

COMP by PII26 Tactical Fidelity Present

COMP	Count	Strongly Disagree Somewhat Somewhat Agree Strongly						Row Total
		Disagree	Disagree	Disagree	Agree	Agree	Agree	
		1	2	3	4	5	6	
Active	1.00	7	14	20	8	13	2	64 53.8
Reserve	2.00	3	8	7	13	6	1	38 31.9
Guard	3.00	7	2	1	3	2	2	17 14.3
Column Total		17	24	28	24	21	5	119
Total		14.3	20.2	23.5	20.2	17.6	4.2	100.0

Number of Missing Observations: 14

COMP by PII27 Function Doctrinally Represented

COMP	Count	Strongly Disagree Somewhat Somewhat Agree Strongly						Row Total
		Disagree	Disagree	Disagree	Agree	Agree	Agree	
		1	2	3	4	5	6	
Active	1.00	9	11	15	20	9		64 52.9
Reserve	2.00	2	3	12	16	6	1	40 33.1
Guard	3.00	3	3	2	5	4		17 14.0
Column Total		14	17	29	41	19	1	121
Total		11.6	14.0	24.0	33.9	15.7	.8	100.0

Number of Missing Observations: 12

COMP by PII28 Status of Forces Doctrinally Correct

COMP	Count	Strongly Disagree Somewhat Somewhat Agree Strongly						Row Total
		Disagree	Disagree	Disagree	Agree	Agree	Agree	
		1	2	3	4	5	6	
Active	1.00	6	4	12	25	13		60 53.6
Reserve	2.00	2	9	4	12	8	1	36 32.1

Guard	3.00	1	3	4	6	2		16
								14.3
Column		9	16	20	43	23	1	112
Total		8.0	14.3	17.9	38.4	20.5	.9	100.0

Number of Missing Observations: 21

COMP by PII29 CSSTSS Not Realistic

Page 1 of 1

COMP	Count	PII29						Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree		
		1	2	3	4	5	6	
Active	1.00	1	11	22	16	8	7	65
								54.6
Reserve	2.00		7	10	10	8	2	37
								31.1
Guard	3.00	1	2	7	1	3	3	17
								14.3
Column		2	20	39	27	19	12	119
Total		1.7	16.8	32.8	22.7	16.0	10.1	100.0

Number of Missing Observations: 14

COMP by PII30 Prior Training Not Useful

Page 1 of 1

COMP	Count	PII30						Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree		
		1	2	3	4	5	6	
Active	1.00	6	17	16	9	7	1	56
								52.8
Reserve	2.00	8	7	12	4	2	2	35
								33.0
Guard	3.00	3	3	4	3	2		15
								14.2
Column		17	27	32	16	11	3	106
Total		16.0	25.5	30.2	15.1	10.4	2.8	100.0

Number of Missing Observations: 27

COMP by PII31 CSSTSS Training Appropriate

Page 1 of 1

COMP	Count	PII31						Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree		
		1	2	3	4	5	6	
Active	1.00	14	16	10	9	10	1	60
								53.6
Reserve	2.00	6	6	5	11	5	3	36
								32.1
Guard	3.00	5	4	4	1	1	1	16
								14.3
Column		25	26	19	21	16	5	112
Total		22.3	23.2	17.0	18.8	14.3	4.5	100.0

Number of Missing Observations: 21

COMP by PII32 Workload Fidelity Present

COMP	Count	PII32					Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree		
		1	2	3	4	5	
Active	1.00	30	11	11	7	6	65
							53.3
Reserve	2.00	10	10	5	8	5	40
							32.8
Guard	3.00	10	2	2	1	2	17
							13.9
Column		50	23	18	16	11	122
Total		41.0	18.9	14.8	13.1	9.0	100.0

Number of Missing Observations: 11

COMP by PII33 Training Objectives Met

COMP	Count	PII33					Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree		
		1	2	3	4	5	
Active	1.00	5	7	12	24	15	63
							52.5
Reserve	2.00	4	6	4	14	10	40
							33.3
Guard	3.00	2	3	3	3	4	17
							14.2
Column		11	16	19	41	29	120
Total		9.2	13.3	15.8	34.2	24.2	100.0

Number of Missing Observations: 13

COMP by PII34 Information Situation Control

COMP	Count	PII34					Row Total
		Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree		
		1	2	3	4	5	
Active	1.00	3	4	13	28	14	65
							53.7
Reserve	2.00	5	5	2	11	11	39
							32.2
Guard	3.00		2		9	4	17
							14.0
Column		8	11	15	48	29	121
Total		6.6	9.1	12.4	39.7	24.0	100.0

Number of Missing Observations: 12

APPENDIX E

SUBJECTIVE COMMENTS

CSSTSS Comments - By Functional Area

1. Survey Number 011. AMMUNITION

2. Procedural Trainer Comments. This system could mirror the functions associated with the Ammunition Distribution system if the players are trained to use it prior to starting the play. Using it to emulate Standard Army Ammunition System (SAAS) is good for everyone. More reports should be available for the Corps level play to be realistic. For example, a complete round report would help Corps Support Battalion's (CSB's) know precisely what assets it's company has on the ground.

3. Trainer For Your Functional Area Comments. Same as above.

4. Information Provider (Reporting Format and Content Comments). Same as above.

1. Survey Number 013. AMMUNITION

2. Procedural Trainer Comments. There should be more intensive training on procedures, reports and operating computer system before exercise starts.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 017. AMMUNITION

2. Procedural Trainer Comments.

A. The lift capability constraint for the ammunition units was not hard and fast. There was no flag or penalty for overloading an ammunition storage site with missions. This lack

of constraining enforcement allowed players to solve problems in ways that would not really work. Recommendation: It should be a relatively simple thing to program a Cap or perhaps a penalty into the problem in response to player actions.

B. It took approximately 2 to 3 days for controllers and reactors to learn how to work together to accomplish exercise training goals. Controllers and reactors need to work together to achieve accomplishment of the training objectives for the player units. Recommendation: This should be a part of the pre-exercise training program for observers/controllers.

3. **Trainer For Your Functional Area Comments.** Overall, Force Projection Logistics Exercise (FPLEX) is a good exercise, that provides excellent training in the management of logistics on a very large scale. Some of the mechanics of the exercise need work. In particular, ammunition management has gone through a series of changes and is about to experience changes in support doctrine. Recommendation: Future exercises should concentrate on testing and/or proving these conventional ammo support concepts.

4. **Information Provider (Reporting Format and Content Comments).** None

1. **Survey Number 018. AMMUNITION**

2. **Procedural Trainer Comments.** The CSSTSS should be part of the school's training program.

3. **Trainer For Your Functional Area Comments.** The system provide the functional area user an idea tool for real-world and automated simulation.

4. **Information Provider (Reporting Format and Content Comments).** Excellent.

1. **Survey Number 019. AMMUNITION**

2. **Procedural Trainer Comments.** CSSTSS takes the decision making ability away from the CMMC Munitions Managers. It in essence does their job for them.

3. Trainer For Your Functional Area Comments. CMMC personnel receive no real training benefit.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 089. AMMUNITION

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Did not force coordination between CSG section and Division Ammunition Officer (DAO) - this coordination is the most critical item for the CSG in wartime.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 029. CHEMICAL

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). The units need to know their present location each morning to ensure proper planning for the days activity. Several times units thought they were one place and the computer had them at another. Suggest including present location added to DA 6 and morning information.

1. Survey Number 030. CHEMICAL

2. Procedural Trainer Comments. Chem units operate primarily at the platoon and company level. CSSTSS must model at this level to provide realistic training. Must also be able to account for unit level decon (without chem unit support) to include Mission Oriented Protective Posture (MOPP) gear exchange and vehicle/equipment decon.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). Noticed a problem with personnel accountability at company level when soldiers were admitted to the hospital or evacuated out of AO. Also, the computer printouts did not match the task organization during the exercise.

1. Survey Number 001. MAINTENANCE

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Valuable trainer for BN's. Should be incorporated into an exportable training packet for maintenance and Supply & Service (S&S) Battalions.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 012. MAINTENANCE

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Potential, but should allow for utilization of Maintenance Support Teams (MSTs).

4. Information Provider (Reporting Format and Content Comments). None.

1. Survey Number 035. MAINTENANCE

2. Procedural Trainer Comments. CSSTSS has been a good tool in developing by staff's ability. Where CSSTSS violated doctrine (non use of MSTs; assignment of supported units, etc.) we were still able to play the game and do an O'D on the doctrine. I consider CSSTSS (the whole FPLEX process) a very good forum for leaders to interface, team build, and prepare for a general crisis. The procedures are not faithful to the real world but are sufficient for training purposes.

3. Trainer For Your Functional Area Comments. To use CSSTSS, it is best to have functional trained officers or senior NCOs as players. However, if one soldier is trained, he/she can work with and train another soldier using the CSSTSS output.

4. Information Provider (Reporting Format and Content Comments). We needed more events and more workload.

1. Survey Number 049. MAINTENANCE

2. Procedural Trainer Comments. Situational messages exercise only the Engineer staffs and did not even reach COSCOM ACSMAT/MMC level.

3. Trainer For Your Functional Area Comments. The system did not efficiently task the functional area at higher (COSCOM/CORPS/TAACOM) level.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 059. MAINTENANCE

2. Procedural Trainer Comments. Cannot see where this system functions as a procedural trainer. Did not have access to the manuals so it could be evaluated.

3. Trainer For Your Functional Area Comments. Yes - to interpret the reports. Requests and SITREPS need to be added to the system.

4. Information Provider (Reporting Format and Content Comments). Format OK. Printing from the screen was lousy. In most cases it took too much time to get too little information.

1. Survey Number 088. MAINTENANCE

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Very helpful in teaching how the computer system worked. Got the answers we needed when we asked - not 20 or 30 minutes later.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 096. MAINTENANCE

2. Procedural Trainer Comments. The computer automates non-RX parts issues and several shop officer procedures. This allows the players to exercise staff coordination procedures. The Area Support Groups (ASGs) need to have their external SOP's ready before they come to FPLEX so we can have efficient communication between role players staff and ASG staff.

3. Trainer For Your Functional Area Comments. This would be a good exercise for Ordnance Officer Basic Course students. Get with Capt Reed and try to integrate his LOGEX into FPLEX maintenance cell. The LOGEX in Aberdeen Proving Ground is a good trainer for my functional area.

4. Information Provider (Reporting Format and Content Comments). Need to increase work order status inquiry capability so that the entire backlog of jobs in a shop are able to be monitored on the computer. The prints are excellent. The SAMS-2 becomes a dinosaur after a few cycles.

1. Survey Number 097. MAINTENANCE

2. Procedural Trainer Comments. Would like to be able to get more information on specific jobs within the DSU's and AVIM's (BN level). Once information is printed out of the system, it seemed to be a problem to send it out again (i.e., the printer was down or the message was missed).

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). Reports that came in response to a MSEL did not match up to other reports. Example: System reported so many killed and so many wounded; however, the personnel status report the following day reflected something different.

1. Survey Number 098. MAINTENANCE

2. Procedural Trainer Comments. Understand the training audience is BDE and higher, however, once on line if the system could be modified down to BN level it may become a better instrument to train staff elements.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 116. MAINTENANCE

2. Procedural Trainer Comments. The CSSTSS system needs to be combined with the CBS system. This would provide more realistic CSS play. Combat units would have provided the info to properly stress CSS functions.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 126. MAINTENANCE

2. Procedural Trainer Comments. Aviation maintenance scenarios were realistic. The unit was able to initiate the expected and anticipated actions to manage aviation assets. However, follow up reports from the subordinate units concerning required actions did not materialize. Lateral dissemination of aviation safety messages was hard to verify - non contact with players.

3. Trainer For Your Functional Area Comments. Provide minimum list of reference manuals that O/C's need to bring to support training. You write the scenarios - so you should be able to key in on their needs. Don't tell O/C's to choose - unless they have worked this previously, they have no idea what the requirements will be and cannot assist the units. Give the TAACOM guidance 6 months out on areas of interest to train prior to the exercise.

4. Information Provider (Reporting Format and Content Comments).

A. Minor problems with daily 1352 - aircraft status and flying report (see AR 700-138 for current format).

B. Provide current MTOE structures for aviation units - some reported structures were completely wrong (i.e., Cav Squadron (AH-1's) does not have 15 AH-64's. They have 8 AH-1's). At least make authorized numbers correct. The 101st Air Assault Division does not have UH-1 helicopters in their AH-64 Attack BNs. Please use current MTOE's. See FMs 1-111, 1-112, 1-113, 1-114 for structures.

1. Survey Number 002. POL

2. Procedural Trainer Comments. Must be done at unit level for staff planning training.

3. Trainer For Your Functional Area Comments. Not focused enough information/requirement for fuel should directly correspond to unit input. Computer worked too much magic in this area.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 008. POL

2. Procedural Trainer Comments. Excellent potential. CSSTSS not doctrinally correct. Pipeline fill should not be automatic. Water play must be more realistic.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 053. POL

2. Procedural Trainer Comments. Over the 8 day exercise, we received two fuel missions. Our fuel was moved, but not by us. It's too easy for higher HQ to skip the chain using this system.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). No gender for personnel. No crosschecking.

<u>MOS</u>	<u>AUTH</u>	<u>ASSG</u>	<u>REQ</u>
94B	1	2 ¹	0
77F	33	32	1
TOTAL	34	34	0

Note 1: Should reflect extra personnel

Note 2: Source Auth=Assg, the system does not total the requirements even though there is one.

1. Survey Number 054. POL

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). Must track all 2406 reportable items on the CSSTSS. Must also be ble to teach supplies. The 2406 is the heart - must gear the CSSTSS to have all items of the TOE on the computer.

1. Survey Number 055. POL

2. Procedural Trainer Comments. More commo on all levels higher and lower.

3. Trainer For Your Functional Area Comments. Ditto.

4. Information Provider (Reporting Format and Content Comments). Ditto.

1. Survey Number 064. POL

2. Procedural Trainer Comments. Needs work.

A. Does not provide adequate control of fuel stocks

computed, draws off fuel without requests or receipts. No accountability.

B. 2406 reports do not agree with Ullage as material on hand does not support Ullage report.

C. CSSTSS does not adequately reflect TOE assets of units.

3. Trainer For Your Functional Area Comments.

A. The system does not provide realistic real world training in its current capacity.

B. The system should not draw off any fuel, rather it should generate a request into the system for resupply.

C. TOE transportational assets of POL supply companies should be included into CSSTSS as well as the use of 50K bags for storage.

4. Information Provider (Reporting Format and Content Comments). Report formats are adequate, however, as identified in procedural trainer comments above, but inaccurate.

1. Survey Number 078. POL

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments).

A. The rating scale should include a "non-applicable" column.

B. CSSTSS conceptual framework should be restructured to adapt to tasks not incorporated in the METL but are important to the commander.

1. Survey Number 079. POL

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Not knowledgeable in my area. Initially very inflexible as problems identified. Became more cooperative with time.

4. Information Provider (Reporting Format and Content Comments). Many unqualified.

1. Survey Number 093. POL

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. There needs to be a realistic "real time" played. Many times I would order POL in excess of 1 million gallons and it would miraculously appear 1 hour later.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 068. CIV-MIL OPS

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. More Host Nation Support (HNS) problems needed to be played in both Segments I and II. Civil Military Operations (CMO)/players need to be exposed to the many problems that arise in trying to implement CMO activities. Personnel with real world experience in CMO should be tasked to write adequate quantities and appropriate Master Scenario Events List (MSEL's) for future FPLEX and CSSTSS generated training.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 074. CIV-MIL OPS

2. Procedural Trainer Comments. Computer simulations are excellent if they are flexible and capable of accepting a variety of input.

3. **Trainer For Your Functional Area Comments.** The system seemed to ignore us. We received one report of personnel which bore no similarity to the truth. A further problem is "being in the net"! We were not.

4. **Information Provider (Reporting Format and Content Comments).** This is a good idea, especially if it can be done electronically.

1. **Survey Number 027. CIV-MIL OPS**

2. **Procedural Trainer Comments.** We needed much more training "Up Front" for this exercise than we received. This caused the exercise to get off to a slow start.

3. **Trainer For Your Functional Area Comments.** None

4. **Information Provider (Reporting Format and Content Comments).** None

1. **Survey Number 117. CIV-MIL OPS**

2. **Procedural Trainer Comments.** Good training method. FPLEX 93 has been exceptionally well received by the Civil Military Operations Section staff. Keep up the good work.

3. **Trainer For Your Functional Area Comments.** (1) Put more Civil Affairs problems into the play. (2) There is already enough Host Nation Support type problems insofar as CMO staff is concerned.

4. **Information Provider (Reporting Format and Content Comments).** The TAACOM CMO center utilized its FSOP reports to send status reports vertically and horizontally to other units. The system worked well.

1. **Survey Number 118. CIV-MIL OPS**

2. **Procedural Trainer Comments.** None

3. **Trainer For Your Functional Area Comments.** More effort

needs to be put into CA training. Here it was largely an afterthought and the results reflected this.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 021. MEDICAL

2. Procedural Trainer Comments. It would have been beneficial if training on CSSTSS had been provided to the O/C's. The first two days of train-up for O/C's was disappointing. Wasn't sure what to expect from exercise. Bottom line up front in first two days of train-up for O/C's would have helped. Looking forward to seeing this combined with Combat Support Training (CST).

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 022. MEDICAL

2. Procedural Trainer Comments. Great if you use some maneuver commanders and tie into this systems design. Both segments!

3. Trainer For Your Functional Area Comments. Want O/Cs that were commanders. During future "Group" exercises and future "play" the O/C's should include a Group/BDE past commander (i.e., Col Ideus or BG Foust or Col Kim for FPLEX '94 or AMEDDEX '94). This would be an enhancement and add true value to the observations generated. A "wartime commander" who, if available, would give the commander insightful information and provide the experience factor (i.e., SWA/ODS) and more realism to his or her operations' play. Although doctrinal answers to future conceptual fixes were provided some great war gaming and discussions plus some great training for the Commander and staff.

4. Information Provider (Reporting Format and Content Comments). Needs work with regard to connectivity with CENTCOM/ARCENT and US Air Force Evacuation cell.

1. Survey Number 028. MEDICAL

2. Procedural Trainer Comments. The fact that lateral units are present, that vertical units are present, coupled with a common scenario, lends itself to good staff training. The logistics sustainment segment not being tied to the Segment I part, reflects a disconnect (non-linkage) that distracted from FPLEX.

3. Trainer For Your Functional Area Comments. CSSTSS is an excellent training vehicle. FPLEX did not provide the AMEDD functional area total potential. Having played AMEDDEX using CSSTSS, I think it is the best simulation for training Command Post Exercise (CPX) medical.

4. Information Provider (Reporting Format and Content Comments). Most reporting is analogous to normal Army format. LOGSTAT/PERSTAT in particular adequate content without spoon-feeding. Some DA Form 2406/2407 abnormalities front side/back side (could be typos).

1. Survey Number 069. MEDICAL

2. Procedural Trainer Comments. No training provided before or during.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 075. MEDICAL

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. There should have been some type of briefing before this FPLEX started to give you some idea what we are doing or what your role will be once it get's started. We were like robots at a machine (computer). Each day there should have been information given as well as received.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 076. MEDICAL

2. Procedural Trainer Comments. The system should be further developed as a training aid for STAFF X at home station via Modem from Central Control Point.

3. Trainer For Your Functional Area Comments. Subordinate hospital staffs would benefit from a staff exercise in coordination with lateral commands.

4. Information Provider (Reporting Format and Content Comments). The reports should be reformatted to mirror more closely TAMIS and the reporting system of higher Headquarters.

1. Survey Number 077. MEDICAL

2. Procedural Trainer Comments. Good - need refinements.

3. Trainer For Your Functional Area Comments. Excellent but still needs improvement to do many things.

4. Information Provider (Reporting Format and Content Comments). Poor. Needs a sort and Adhoc reporting capability.

1. Survey Number 081. MEDICAL

2. Procedural Trainer Comments. Excellent potential capabilities for casualty play at an echelon 3 or 4 medical facility. The addition of triage and emergent medical procedure intervention (chest tube, inhibition, blood and fluid replacement) would greatly enhance the program's utility for medical care providers. The program's medical play of entry of patients into surgery requires real-life decision making by the physicians/nurse. The "austere but adequate" environment of combat casualty care - which is so alien to our civilian decision making is realistically programmed.

3. Trainer For Your Functional Area Comments. We did not have

time enough (of exercise play) to make a judgement about the realism of numbers of casualties presented to our played Medical Training Facilities (MTFs.) The Naval Reserve players believe this program deserves further scrutiny by our community as a cost-effective trainer and as a real time evaluator of MTF medical operational readiness. We wish it could become operational as well as in a mobilization situation.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 083. MEDICAL

2. Procedural Trainer Comments. There are problems with some of the unusual command/control relationships used in the medical dept that should be in the system "forward positioned" for helicopters, the ability to use ambulances more than once when sent to a hospital (AAR Med Element 332nd Med Bd, 3rd Medcom) or to send evac assets to a site where there are patients that may not be a MTF.

3. Trainer For Your Functional Area Comments. Very good as a basic toll for CSSTSS staff and would be better if there is really fuel decrements and more realistic personnel decrements especially in EAC units in their reconstitution role.

4. Information Provider (Reporting Format and Content Comments). Reports could be in a more realistic format (just like a 2406) and should include the 1352 on aircraft and not a slightly similar apparatus. Report should be a specific menu so that the print screen mode is not wasting space/paper trying to pull off information that does not come to the unit on a roll-up.

1. Survey Number 010. TRANSPORTATION

2. Procedural Trainer Comments. The CSSTSS does not provide the staff with an accurate model of how ADP is used in operation at any level. The CSSTSS does not allow for task organization (i.e., "splitting the flag") based upon mission.

3. Trainer For Your Functional Area Comments. The CSSTSS does

provide scenarios to drive the decision making procedure. It does not allow for doctrinal implementation of decisions.

4. Information Provider (Reporting Format and Content Comments). Reports are adequate. However, the distribution of the reports is wrong! There should be same access at every level of the chain - not just computer printouts at some levels.

1. Survey Number 040. TRANSPORTATION

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Transportation BNs/Movement Control Teams (MCTs) need to be task organized/located according to doctrine, not by exercise.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 047. TRANSPORTATION

2. Procedural Trainer Comments. If The players and units are not set up doctrinally, then proper procedures will no be utilized.

3. Trainer For Your Functional Area Comments. A 100% increase in training is required. How does the computer generate reports, when do they arrive, relationship between cells. What is expected to date.

4. Information Provider (Reporting Format and Content Comments). This needs to be in "synch" with standard SOP. Use the forms of the current log systems.

1. Survey Number 063. TRANSPORTATION

2. Procedural Trainer Comments. More time needs to be devoted to prepare the player on using the system. I.E., either send information package to unit home station prior to their deployment to FPLEX.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 099. TRANSPORTATION

2. Procedural Trainer Comments. There should be more of an effort to have complete MCT participate rather than individuals act as MCTs.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). I see no necessary changes for the format.

1. Survey Number 100. TRANSPORTATION

2. Procedural Trainer Comments. It adequately met my needs as a trainer need to get more CAM reports throughout the day not just once in the morning.

3. Trainer For Your Functional Area Comments. Mr. Ray Denton did a very good job in assisting the transportation cell.

4. Information Provider (Reporting Format and Content Comments). Was adequate.

1. Survey Number 101. TRANSPORTATION

2. Procedural Trainer Comments. As a procedural trainer CSSTSS did not provide the procedures that affect the execution of the functional area.

3. Trainer For Your Functional Area Comments. CSSTSS provides only a limited use as a trainer for this functional area.

4. Information Provider (Reporting Format and Content Comments). CSSTSS is an excellent information provider based upon reporting format and content. CSSTSS is a good resource, however, within the context of this exercise it did not provide

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COMBAT SERVICE SUPPORT TRAINING SIMULATION SYSTEM
(CSSTSS) DATA ANALYSIS(U) AEPKO INC ROCKVILLE MD
R H LAFOND ET AL. 10 MAR 94 XA-TRADOC DABT60-90-D-0010

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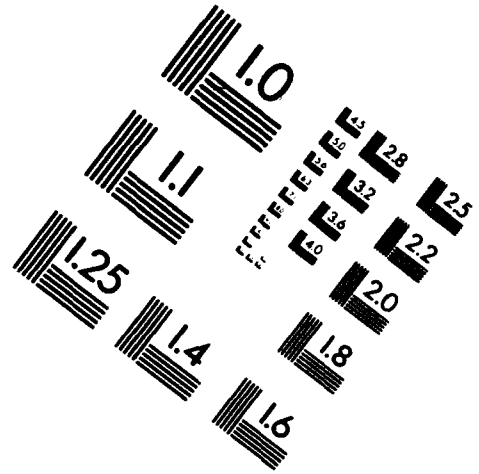
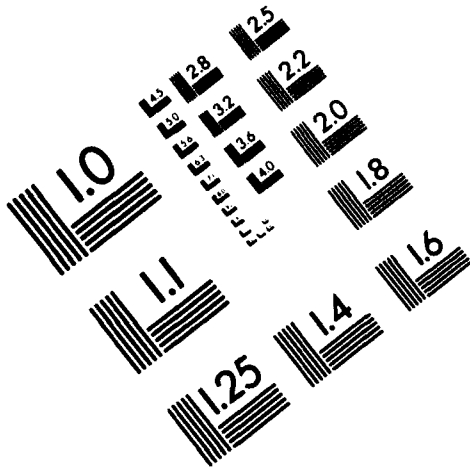


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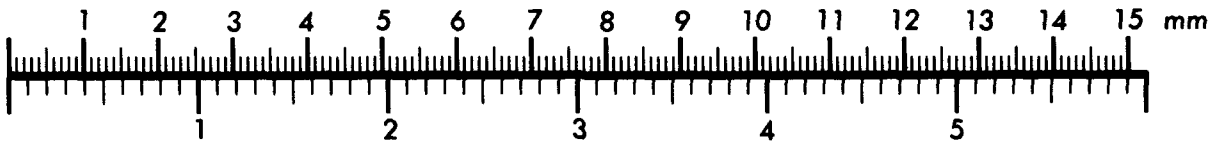
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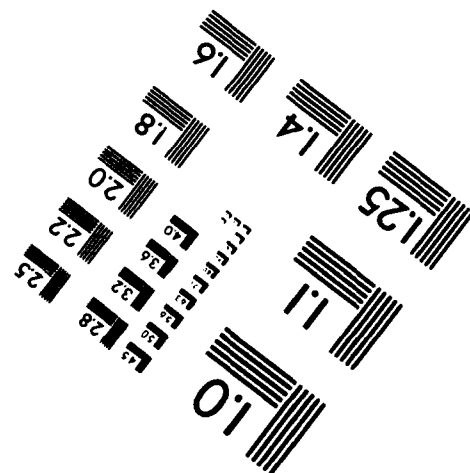
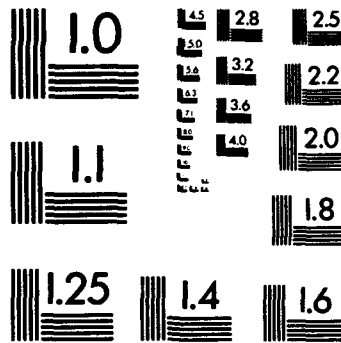
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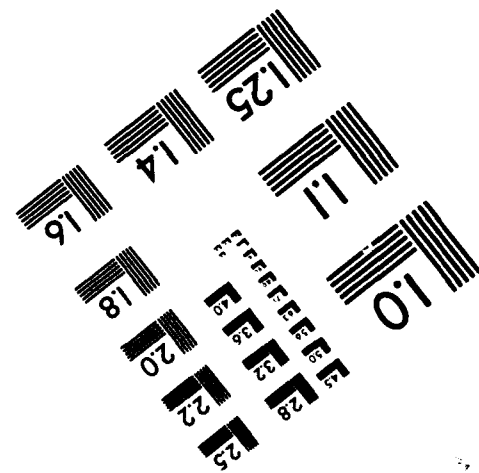
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the complete staff training and demands that a commander would use to prepare a Battalion staff for its wartime mission.

1. Survey Number 102. TRANSPORTATION

2. Procedural Trainer Comments. The idea is solid. This program has most of the ideas necessary for movement control.

Problem: An MCB cannot move its MCT's and assets to better support the play?, not real life!

3. Trainer For Your Functional Area Comments. It works well to a point. Due to missing information on movements of aircraft (i.e., arrival times, due outs, # of passengers, equipment types, departure information, mission #'s, type of aircraft, and Unit Level Numbers (ULNs)). It was hard to get the entire process taught in its entirety (also no TPFDL).

4. Information Provider (Reporting Format and Content Comments). Not yet what it needs to be. You can not fix the reporting system until the information necessary is uploaded into the play.

1. Survey Number 103. TRANSPORTATION

2. Procedural Trainer Comments. It was very helpful in the procedure area because this is the first time our unit has had real world training as a MCT.

3. Trainer For Your Functional Area Comments. It was an excellent trainer for us because this unit has very limited experience prior to this exercise.

4. Information Provider (Reporting Format and Content Comments). It provided very good information and content.

1. Survey Number 104. TRANSPORTATION

2. Procedural Trainer Comments. Using the CSSTSS was a very good training experience for us to learn the flow of the paperwork we must accomplish in real situations. We were able to see how most units, our level operate and recognize and solve

problems. With the MCT's and our tasking BN's in the same room, we were able to work out problems without the normal communication problems.

3. **Trainer For Your Functional Area Comments.** There was a lot of repetition required of MCT's (referring to registers which had to be kept).

4. **Information Provider (Reporting Format and Content Comments).** The system worked well for this. It was very helpful and good training to be able to pull up information on the computer any time it was needed.

1. **Survey Number 105. TRANSPORTATION**

2. **Procedural Trainer Comments.** Need to give more information on doctrinal background and paper/organizational flow. Suggestion: Give units several hours of class on transportation procedures in TA/computer operational system.

3. **Trainer For Your Functional Area Comments.** CSSTSS can be used in training module as follows:

A. To move cargo from A to B with real world situations.

B. For example, to allow space for Stow/Cube with allowable space for having different cargo (Class I/Class III).

4. **Information Provider (Reporting Format and Content Comments).** Good.

1. **Survey Number 106. TRANSPORTATION**

2. **Procedural Trainer Comments.** Procedural trainer must be tailored to the user with overview of other functional transportation areas.

3. **Trainer For Your Functional Area Comments.** Transportation data base should be expanded to include unprogrammed moves that effect transportation assets and issues. These issues should be allowed to develop and scenarios created. Programs should allow for computer and human decisions based on minute to minute

for computer and human decisions based on minute to minute developments. Transportation action issues are dynamic and ever changing and this issue should be the prime mover in future programming.

4. **Information Provider (Reporting Format and Content Comments).** Units and controlling agents should be able to call up a menu of reports that provide vital information on transportation asset issues (STON's moved, etc.) This menu should be tailored to the lowest level MST's and highest levels of command.

1. **Survey Number 107. TRANSPORTATION**

2. **Procedural Trainer Comments.** It would be nice to know more about the report before coming to this exercise. It could have been better if we would have come to the area we were going to work in, rather than being somewhere else and coming here the day before the exercise started. We would have been able to use reports better.

3. **Trainer For Your Functional Area Comments.** Very helpful. We would never have gotten anything done without someone guiding us in the right direction. This made the training in an MCT good in that you can now see what we are supposed to do.

4. **Information Provider (Reporting Format and Content Comments).** I think this was good, but I would have liked to know why something we did or didn't do show up on the next day's reports.

1. **Survey Number 108. TRANSPORTATION**

2. **Procedural Trainer Comments.** CSSTSS should have a higher resolution for tracking classes of supplies. DS/GS level does not tax the participant to think of and requisition specific logistic needs, which in fact would be a major task for an S-4.

3. **Trainer For Your Functional Area Comments.** The framework for an excellent training tool is in place in the F.R.O.M. module of CSSTSS. The data input to the system was deficient. MTMC and MSC must interface with the transportation input

personnel to ensure all players are in concert. The model needs more flexibility in the capability of MHE for discharge of vessels. Players should be required to justify how much their units can discharge based on types of vessels, MHE, tactical situation, etc. MTMC should also provide Stow plans so terminal BN's have to plan how they would discharge a ship and what berth they would use.

4. **Information Provider (Reporting Format and Content Comments).** The reporting format is great. The content/data input needs more attention. The MTOE's used must be current. The cargo manifests for the ships given to the Players from MTMC must match what is in CSSTSS. "GIGO" was prevalent for terminal operations for this exercise. The "Plan" for the FROM module is very good, just need good data to execute.

1. **Survey Number 109. TRANSPORTATION**

2. **Procedural Trainer Comments.** The procedural trainers were very well versed in CSSTSS procedures. Initial guidance on procedures were clear, concise and very specific. All expected difficulties in procedures were discussed prior to STARTEX. Good job.

3. **Trainer For Your Functional Area Comments.** Trainer was extremely knowledgeable, provided excellent guidance in working with CSSTSS system. However, I got the impression that I should have already had knowledge or should have been trained. CSSTSS trainer was extremely patient. Thank you.

4. **Information Provider (Reporting Format and Content Comments).** Reporting format was unclear, as far as internal concerns. There didn't appear to be a standard format for what reports were due and when, but reports were turned in daily. Role players and companies appeared to have even less format of the daily reports required, however, the CSSTSS generated good daily reports.

1. **Survey Number 110. TRANSPORTATION**

2. **Procedural Trainer Comments.** The CSSTSS provided realistic training in working with transportation movement documents along

with the personal interdiction with various levels of movement control managers. The ADP system along with the soldier's disposition of the ADP input/out and personal coordination provides an excellent training tool.

3. **Trainer For Your Functional Area Comments.** The Operations Section (S-3) received real world training in moving cargo. Their training could have been enhanced by increased levels of enemy interdiction on supply routes. If possible, the ADP system should include performance degradation factors to account for drivers operating at various MOPP levels. The S-1 and S-4 sections received very little game play. TTPs were not exercised. S-2 received very little.

4. **Information Provider (Reporting Format and Content Comments).** Cargo awaiting shipment document provided by supported MCT provided nucleus information such as: TCN and TMR numbers which when used with transportation request allowed tracking cargo to its destination. The ADP system allowed access to several reports providing excellent C₂ of Battalion operations. Perstaff reports did not reflect changes due to MIA/KIA losses

1. **Survey Number 111. TRANSPORTATION**

2. **Procedural Trainer Comments.** CSSTSS needs much more work. Procedures not very realistic especially reporting procedures, and data retrieval.

3. **Trainer For Your Functional Area Comments.** Excellent trainer for tracking supporting units, unit personnel reports, unit equipment and status.

4. **Information Provider (Reporting Format and Content Comments).** Use of computer driven DA 2406's which were distributed daily were an excellent training aid.

1. **Survey Number 112. TRANSPORTATION**

2. **Procedural Trainer Comments.** The procedural trainer it work well if the number of MCT's is reduced and more player units task BN are there. That all convoys that past through your area

must receive prior clearance.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 113. TRANSPORTATION

2. Procedural Trainer Comments. CSSTSS could be very valuable in teaching procedures - however, in our case it was not as we did not have a truck BN - had we had a truck BN the procedures would have seemed more clearly defined.

3. Trainer For Your Functional Area Comments. Same as above. I understand that this exercise was not necessarily meant to be a training exercise for the MCT's but with a few modifications it could have been (i.e., make sure all MCTs have assets other than host nation to task).

4. Information Provider (Reporting Format and Content Comments). The only report we regularly received was the cargo awaiting movement report and it was adequate. One thing I would suggest is to have each column defined somewhere. This would make it initially easier to figure out.

1. Survey Number 114. TRANSPORTATION

2. Procedural Trainer Comments. The role of a Trans BN (MC) has not been clearly defined. During this exercise we performed the duties/ responsibilities of a MCC in the TA. We were expected to coordinate transportation movements throughout the TA with several MCT's assigned to the MCB's. There were numerous reports required that had to be altered to report accurate information to the MCA. There were no train-up prior to the STARTEX, we received none of the documents used in this exercise.

3. Trainer For Your Functional Area Comments. At home station, the MCA was not able to provide the necessary guidance nor did they know what they should do. The information flow from higher to lower was non-existent. I am most interested in ascertaining

what the mission is for a MCB (what reference(s) are available that specifically identify the tasks, ARTEP, and areas of concern. The 450th TC BN (MC) was activated 15 sept 91. As of this date there is no ARTEP.

4. Information Provider (Reporting Format and Content Comments). It would have been easier to adapt to the exercise situation if exercise Oplans/ information had been disseminated prior to STARTEX. No member of the ARCOM or BN was invited to attend any of the IPR's (therefore no input from our unit was used). Reports should reflect those that are currently in the system. Soldiers learn by doing. The FPLEX forms did not work in many instances.

1. Survey Number 119. TRANSPORTATION

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. The Force Reception Onward Movement (FROM) module was incorporated for the first time this year into CSSTSS. It has many weaknesses, however, it did provide the opportunity for Terminal Service units to participate. In the future, with expansion, the FROM module will be an excellent trainer for terminal Battalion staffs.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 124. TRANSPORTATION

2. Procedural Trainer Comments. The 318th TAMCA gained much experience by seeing its MCB and MCT really using the transportation system as it should. However, CSSTSS does take away from the TAMCA part of its mission. CSSTSS wrote the Movement Program. However, the TAMCA has that responsibility and CSSTSS could not in my opinion write the Movement Program over an extended period of time.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content

Comments). None

1. Survey Number 127. SIGNAL
2. Procedural Trainer Comments. No training received.
3. Trainer For Your Functional Area Comments. None
4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 006. SIGNAL

2. Procedural Trainer Comments. There aren't any simulators that can adequately portray communication procedures/systems. Of all the systems or functions to model, Signal is the most difficult. To realistically portray communication degradation because of inadequate or inappropriate staff procedure is extremely difficult. By degrading communications systems, you can tell the Corps that systems have been degraded by X amount, however, they'll continue to play.

3. Trainer For Your Functional Area Comments. However, this is just as good a system as any for training staff in procedures and troop leading skills. Its as realistic as a commander wants it to be.

4. Information Provider (Reporting Format and Content Comments). I'm not sure I understand this but the MSELs and situation messages engaged the unit to begin the process of staff coordination and interactions with other agencies.

1. Survey Number 042. PERSONNEL SERVICE SUPPORT

2. Procedural Trainer Comments. The only interaction finance had with CSSTSS was in the form of maintenance and manning rosters. There was not enough finance play to allow me to make useful comments.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 044. PERSONNEL SERVICE SUPPORT

2. Procedural Trainer Comments. CSSTSS could be very valuable in the areas of PSS if it is modified.

3. Trainer For Your Functional Area Comments. The CSSTSS does not accurately reflect PSS functions or reports. Additionally, CSSTSS does not allow for realistic PSS play.

4. Information Provider (Reporting Format and Content Comments). Inadequate for PSS play. CSSTSS needs to reflect and include all the capabilities of TACCs and SIDPERS.

1. Survey Number 121. PERSONNEL SERVICE SUPPORT

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. CSSTSS is not very useful for training the Public Affairs functional area. Press Camp HQ did receive good, valuable training during FPLEX but more as a result of regular PA missions they would normally receive than CSSTSS.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 122. PERSONNEL SERVICE SUPPORT

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. JAG play should involve aspects in addition to legal play, i.e., arranging transportation for a claims team, or arranging replacements for personnel KIA. Units should be encouraged to bring their JAG elements. Absence of player units hampered the exercise.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 132. PERSONNEL SERVICE SUPPORT

2. Procedural Trainer Comments. I received no training in CSSTSS. I was briefed on its capabilities but that was all.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 015. SUPPLY

2. Procedural Trainer Comments. CSSTSS is a good tool to use in teaching procedures. Problem noted. That Standard Army Intermediate Logistics System (SAILS) ABX (DS4) is not the current system used by the Corps Materiel Management Center (CMMC) at Ft. Bragg. Ft. Bragg is using Standard Army Retail Supply System - Objective (SARRS-O). We should be able to train as we fight. Many soldier were not familiar with SAILS and we received no training prior to the start of the exercise.

3. Trainer For Your Functional Area Comments. CSSTSS gave the CMMC the opportunity to use AMC, Theater Army Area Command (TAACOM), and the Corps Support Groups (CSGs) in order to receive necessary information to perform integrated supply and maintenance management.

4. Information Provider (Reporting Format and Content Comments). The reporting format was not suitable for a CMMC. The only item provided for supply management was the transaction register. The CMMC needs total asset visibility of all classes of supply in order to manage, crosslevel, requisition, and identify future logistic problems.

1. Survey Number 020. SUPPLY

2. Procedural Trainer Comments. As a result of day to day contact with unit players, very little or no training was provided as to procedures, reporting and functions for FPLEX. A large number of the players were thrown in at the last minute, and not aware of what was going on. This made reports and

doctrine procedures difficult.

3. **Trainer For Your Functional Area Comments.** The trainer for my functional area (s) need to make themselves aware of the organizational structure of the units represented. A prime example was Corps Support Command (COSCOM), which was restructured two years ago eliminating ACSMAT, leaving no Logistics Operations (LOGOPS). The Observer/Controller's (O/C's) had to regroup in the manner situations were monitored.

4. **Information Provider (Reporting Format and Content Comments).** The reports and content format were well tailored according to doctrine. However, if players are not familiar with the reports or can't interpret them correctly then tasks and situations become a challenge.

1. **Survey Number 031. SUPPLY**

2. **Procedural Trainer Comments.** Supported units cannot pass requests to the GSU. Daily element sheets (Material Adjustments, MCR Combat Repl, etc.) were useless. The CSSTSS did not support the tactical situation.

3. **Trainer For Your Functional Area Comments.** Field Services need to be included in CSSTSS. Some of supply classes were also needed to be included in CSSTSS. We as a unit could not process requisitions through the system. The system did not have the capability of passing requisitions from GS to the MMC or Theater. The data on stock status report does not reflect a true status of requisitions submitted during the play.

4. **Information Provider (Reporting Format and Content Comments).** Information retrieval was satisfactory.

1. **Survey Number 034. SUPPLY**

2. **Procedural Trainer Comments.** The CSSTSS system processed most of the work, so there was really not much "hands on" training. A lot of the functional side was not real-world and could have been very confusing if you did not already have a basic idea of how things function in the "real world".

3. **Trainer For Your Functional Area Comments.** None

4. Information Provider (Reporting Format and Content Comments). None

1 Survey Number 037. SUPPLY

2. Procedural Trainer Comments. Poor. DISCOM/Div was not staffed properly so our players learned to assume and play a computer screen. Little reality of talking to higher, lower, supported or lateral units. We received no plans or guidance from our customers to be supported. We could not split units, use forward operating bases, set up MCPs, refuel points/ROMs, etc.

3. Trainer For Your Functional Area Comments. Poor. Higher resolution programs should be used which reflect reality. We must be able to split units also. Example: RTFL deadlined equals less ammo/supplies that can be up/down loaded. Trucks deadlined means less movement. Current program can be improved by using more detailed simulations, and having better DISCOM/Div staffs.

4. Information Provider (Reporting Format and Content Comments). Fair. This portion did not reflect JP-8. Counts did not match between SAMS and 2406.

1. Survey Number 038. SUPPLY

2. Procedural Trainer Comments. As a trainer for procedures it was outstanding. It helped me learn how transportation above the division level works and how highway management is managed.

3. Trainer For Your Functional Area Comments. The realism of the computer exercise replicated my relationship with higher levels fairly well. However, the problems that you would have with subordinate units did not exist.

4. Information Provider (Reporting Format and Content Comments). The 2406 never matched the SSMMS 2 print which never matched the computer. The result was confusion in reporting to higher and tasking units.

1. Survey Number 041. SUPPLY

2. Procedural Trainer Comments. CSSTSS is useful, however, it needs to be updated.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 066. SUPPLY

2. Procedural Trainer Comments. Good training in DA 2406, Pers Stat reporting/accountability. Class I, II, III, IV, VII and IX reporting and accountability as relates to BN staff functions.

3. Trainer For Your Functional Area Comments. No water supply information/play in system, therefore inadequate training in their area. No mission training.

4. Information Provider (Reporting Format and Content Comments). Format and content of information - fair. Pers Stat had no totals and didn't identify KIA, WIA, etc.

1. Survey Number 087. SUPPLY

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. In the Supply and Services area events of MSELs that occurred on CSSTSS did not always affect all the areas they realistically would

A. Example: 20% of all Class I rations destroyed at DSU, however, next morning report for rations showed no destroyed meals.

B. Example: one (1) Water Purification Unit destroyed and another in DS maintenance but unit's water production capability was not degraded.

C. Example: KIA rate was unrealistically high - 5th Special Forces Group - operating in the Communications Zone (COMMZ) received 58% KIAs with no explanation as to why - 470 green

berets killed in the rear area of operations is double the number of marines killed in the Beirut Barracks bombing. Lack of a DSU's ability to provide bulk Petroleum, Oils and Lubricants (POL) to customers had no degrading affect on supported units' mission capability.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 009. OBSERVER/CONTROLLER (MAINTENANCE TRACK), RESERVE, 0-4.

2. Procedural Trainer Comments. Form format and distribution does not match "real world" system.

3. Trainer For Your Functional Area Comments. Same as above.

4. Information Provider (Reporting Format and Content Comments). Same as above.

1. Survey Number 039. OBSERVER/CONTROLLER (SUPPLY TRACK), NATIONAL GUARD, 0-4.

2. Procedural Trainer Comments. Training audience needs to know how to massage system, move a unit, request air support, etc.

3. Trainer For Your Functional Area Comments. Training audience and role players need better CSSTSS training for a couple of days when mock activities are conducted, then restart.

4. Information Provider (Reporting Format and Content Comments). Data at beginning of each day doesn't match previous day's data. Previous balance plus receipts minus issues = new balance. This system shows only new balance. No receipts and issues of Ammo, POL, etc.

1. Survey Number 048. OBSERVER/CONTROLLER (AMMUNITION TRACK), ACTIVE, 0-4.

2. Procedural Trainer Comments. Has potential to be good but

needs to be more flexible.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 115. OBSERVER/CONTROLLER (TRANSPORTATION TRACK), RESERVE, 0-6.

2. Procedural Trainer Comments. Very useful.

3. Trainer For Your Functional Area Comments. Excellent training opportunity.

4. Information Provider (Reporting Format and Content Comments). Information at STARTEX was too little too late. Need priorities at STARTEX.

1. Survey Number 123. OBSERVER/CONTROLLER (TRANSPORTATION TRACK), RESERVE, 0-5.

2. Procedural Trainer Comments. Has potential - too many areas that it didn't generate reports that would have exercised the staff. Must have operations (G-3 action) to exercise logistics tail.

3. Trainer For Your Functional Area Comments. Transportation functional areas was not exercised enough.

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 016. OTHER (AIR OPS TRACK), ACTIVE, 0-4.

2. Procedural Trainer Comments. Inadequate to no training prior to the exercise caused much confusion and many hours of wasted time. Two days of classes and practical exercises prior to the beginning of the "game" would be very beneficial.

3. Trainer For Your Functional Area Comments. None

4. Information Provider (Reporting Format and Content Comments). None

1. Survey Number 084. OTHER (MEDICAL SUPPLY TRACK), RESERVE, E-9.

2. Procedural Trainer Comments. None

3. Trainer For Your Functional Area Comments. Would be nice to know what other functional areas were affected as a result of your actions.

4. Information Provider (Reporting Format and Content Comments).

A. Reporting format should be streamlined to provide only the information your want. For example - Personnel Requirement, you should be able to print the shortage only. This will save time and money.

B. Should be able to generate and print any report as opposed to the print screen method.

C. Unit Equipment status - should be able to print and view both sides of the 2406.

1. Survey Number 086. OTHER (BN COMMANDER), ACTIVE, 0-5.

2. Procedural Trainer Comments. Very good way to train my staff in a benign environment. Information provided by CSSTSS enabled the staff to analyze data, determine impact on operational events and either make recommended courses of action or take appropriate actions within the parameters established by myself or our Transportation Standard Operating Procedure.

3. Trainer For Your Functional Area Comments. Allows the commander to have access to data that he must have in order to advise the ground commander. A useful forum that generates somewhat realistic data that the commander can use to train the staff.

4. Information Provider (Reporting Format and Content
