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Combined Arms Training Strategy (CATS) For Quartermaster Units

PREFACE

The most important training in peacetime is unit training. Training prepares soldiers, leaders, and units to tight and win in combat--the Army's basic mission. The Combined Arms Training Strategy (CATS) is a descriptive strategy developed to assist commanders with the planning of unit training and the identification of resources needed to execute training in their units.

This publication is a onetime issue. It provides the Quartermaster Center and School's recommended annual training plan for Quartermaster units.

Future CATS information and individualized strategies will be incorporated in the Mission Training Plans as specific ARTEPs are developed or revised.

The proponent of this publication is HQ TRADOC. Submit comments and recommendations on DA Form 2028 to:

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Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

CHAPTER 1

INTRODUCTION

COMBINED ARMS TRAINING STRATEGY

A Combined Arms Training Strategy (CATS) is being developed to provide guidance on how the total Army trains and to identify the resources required to support that training. Upon implementation, CATS will integrate the training of armored, light, aviation, and special operations forces (both active and reserve component) soldiers in both the unit and institution environments. It will enable the Army to identify, procure, and manage the training resources which are vital to achieving and sustaining combat readiness.

The CATS initiative has evolved from expected resource constraints and the resulting need for more efficient training. The CATS concept envisions an overarching strategy that will enable the Army to focus and manage all unit and soldier training in an integrated manner. At the heart of CATS is a series of proponent-generated unit training strategies that ***recommend*** training events and frequencies and that identify the training resources needed.

CATS is ***descriptive*** and not prescriptive in nature. The strategies, which provide field commanders with a descriptive menu for training, recognize that while there may be a "best" way to train to standard, it is not likely that all units will be able to execute each strategy precisely as written.

On revision of FMs 25-100 and 25-101, CATS coverage will be included.

THE UNIT TRAINING STATEGIES

Each unit training strategy is a descriptive strategy for training and sustaining soldier and collective task proficiency within the unit. The tasks to be trained at a particular unit will be based on the unit's METL. The unit strategies in this TC cover Quartermaster units.

Each unit training strategy has three major components or substrategies--Maneuver/Collective, Soldier, and Gunnery. These are described below.

Maneuver/Collective Strategy

The maneuver/collective strategy provides an annual training plan with recommended training frequencies for key training events in a unit. The training events are covered more fully in FMs 25-100 and 25-101 or the glossary of this TC. The strategy, which will help a unit maintain MTP standards, also depicts the resources required to support each training event.

Soldier Strategy

The soldier strategy provides an annual plan for training and maintaining individual soldier skills. It lists the resources required to support soldier training and links with and supports the maneuver/collective training strategy.

Gunnery Strategy

The gunnery (weapons) strategy is based on weapons found in the unit. It provides an annual weapons training plan and depicts the resources required to support this training. The Infantry School, the proponent for small arms and crew-served weapons, developed the strategies. These strategies can also be found in DA Pamphlets 350-38 and 350-39 and appropriate weapons FMs.

THE TRAINING PLANNING PROCESS

Figure 1-1 shows a three-step training planning process. FM 25-101 describes this process that is based on the unit METL and that ends in training execution.

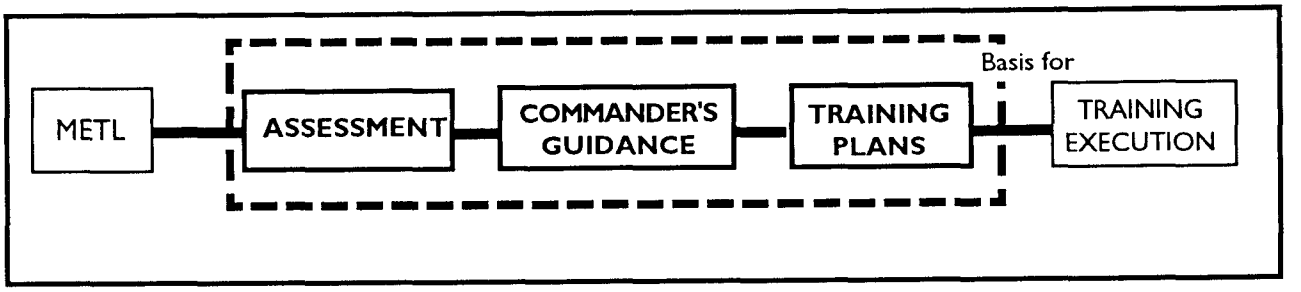

Figure 1-1. Training planning process

CATS does not replace this process. Rather, it serves as straining tool to enhance the commander's ability to manage his or her training and to optimize the use of scarce training resources. CATS unit strategies describe recommended training events and their frequency. Your unit may train all or some of these events. Your training frequency may or may not match that in the CATS strategy. Whatever a unit's training requirements, CATS provides a framework for making decisions on the training to be conducted. The training strategies outlined in CATS will help commanders at all levels develop and execute a more efficient training program. Any given strategy addresses all Armywide units of the same TOE. The specific makeup of a unit's training program will depend upon its METL, guidance from higher headquarters, and the resources available in the installation or training environment. CATS is descriptive in nature and is intended to be used as a guide for the commander.

TRAINING PLANNING DEFINITIONS

FM 25-100 and FM 25-101 provide detailed information on training and the steps in the training planning process. Brief definitions are provided here for the basic terms (Figures 1-1 and 1-2) used to describe this process.

Mission Essential Task List

The METL is an unconstrained, unprioritized statement of the tasks required to complete the wartime mission. It is a primary source document for planning training.

Assessment

Assessment marks the beginning of the training planning process. It is the commander's evaluation of the unit's level of training compared with METL requirements.

Commander's Guidance

This consists of the long-range planning calendars and command training guidance issued to the commander by higher headquarters. It serves to focus the training efforts of the unit according to command priorities. The commander in turn issues CTG to subordinate units.

Training Plans

These are the training schedules and other supporting documents that set forth the commander's training guidance.

Training Execution

This reflects the actual conduct or performance of the training scheduled in the training plans.

CATS AND THE TRAINING PLANNING PROCESS

Figure 1-2 shows CATS applied to the three-step training planning process. The paragraph below explains how to apply CATS to this process.

The commander determines the exact events and tasks to be trained based on the unit METL and guidance from higher headquarters. The unit trains these tasks during events established by FMs 25-100 and 25-101 and their proponent-based CATS. Command group, staff, and unit commanders train their METLs by training soldiers, leaders, individual staff cells and sections, staffs, and units in their wartime tasks. The command group and staff apply CATS to their training plans by applying the training events, frequencies, and critical gates contained in strategies to the CTG in developing their training plans. The critical gates ensure that basic tasks are performed

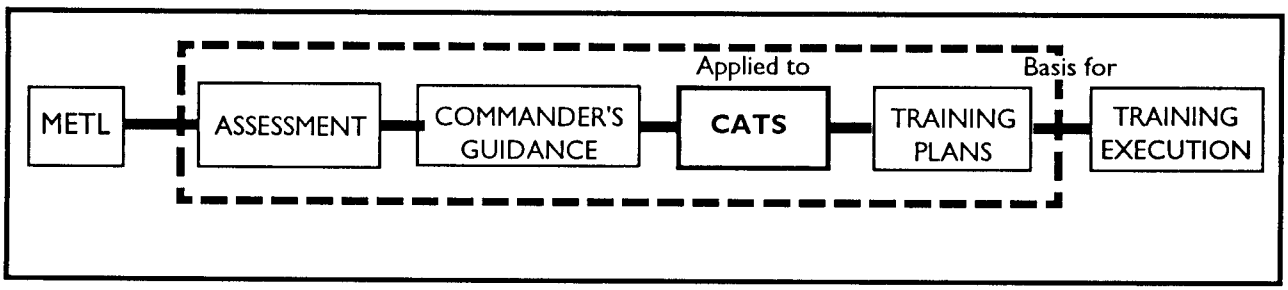

Figure 1-2. CATS and the training planning process

and evaulated prior to the soldier or unit progressing to more complex or intensive tasks. The performance of training gate tasks is always evaluated by the commander and serves as the basis for additional training efforts. For example, a STAFFEX should be used to train METL tasks prior to conducting a complex and resource-intensive event like a CPX. The collective training tasks trained in the STAFFEX are evaluated by the commander and may serve as the basis for additional cell or staff section training or another STAFFEX prior to the execution of a CPX.

TADSS-based training uses a mix of TADSS and field training. The strategies show those TADSS currently within the Army's training system or those that will be fielded by the end of FY 94. TADSS-based training may not yet be available at your installation or training environment.

The strategies can be viewed as training plans for generic-type units. They do not address special environmental or other factors that might apply to specific units (for example, MTOE, mission, particular training weaknesses and strengths, or the commander's guidance).

Inserting an extra step into the training planning process, commanders apply the components of their unit CATS to their particular training programs and environments. The optima] frequencies identified in the strategies may have to be adjusted based upon a unit's training status or its resourcing.

THE PLANNING PROCESS

CATS serves as a training management and training resource identification tool for the commander. As a training management tool, it allows the commander to more efficiently manage his or her training program with often limited resources. As a training resource identification tool, it identifies the resources available within the Army's inventory to conduct training. The availability of those resources will vary, depending on your location. To understand how CATS fits into the planning process, read the following brief summary of planning information from FM 25-101.

Long-Range Planning

The long-range planning process starts with an initial assessment. It ends with the identification, integration, and execution of required training within the CATS framework.

Assessment. Using their own individual evaluation of training status, the input of subordinates, and the results of formal training evaluations, commanders assess their unit's current training level on METL tasks. The assessment serves as the basis for the commander's training strategy for sustainment and improvement training. Commanders at all levels perform this function. An integral part of the assessment is the identification of required training resources and shortfalls. Within this framework is CATS. The CATS strategy--

- Is METL focused.
- Incorporates combined arms training.
- Identifies who, what, when, and whereto train.
- Has a logical sequence of execution.
- Identifies the type of exercise to be trained.
- Determines the frequencies of a given task.
- Coordinates all events.
- Matches resources to requirements.
- Results in the commander's training guidance.

Commander's Guidance. Senior commanders provide subordinate commanders with long-range planning calendars, the commander's training guidance, resources to train, and protection from training distractions. Senior commanders may often recommend training event frequency. CATS provides a convenient vehicle for the transmission of the comrnander's training guidance. It serves as the basis for the long-range calendar. It provides subordinate commanders with recommended frequencies for training events.

Execution. For an example of how CATS fits into the long-range training process, we will use a situation where a strategy recommends a specific number of STAFFEXs annually.

For example, a command and staff maneuver/collective training strategy recommends 12 STAFFEXs annually. The optimal training frequency is for the staff to train this event 12 times in a given year, 1 STAFFEX a month.

CATS gives you the flexibility to adjust training events to meet your particular requirements. Events can be adjusted as long as critical gates are accomplished. A STAFFEX could be a critical gate for a CPX. You should conduct and evaluate any event that is a critical gate before conducting the more complex task or tasks grouped in a training event. Gates serve to ensure that basic tasks essential to the successful performance of complex tasks are trained and evaluated first. Critical gates may also serve as a type of rehearsal for a follow-on training event.

Assume that your commander has identified staff operations as a particular weakness in your unit. Your commander decides that he wants to run staff exercises twice a month to train the staff.

Using this guidance, you simply go to the strategy table or matrix and substitute 24 for 12. If the frequencies for the other events are acceptable, you now have a completed commander's strategy. In this manner, a CATS base strategy is tailored to meet a commander's assessment of training needs.

Besides now having a completed strategy, you have also identified the required resources for training. By reviewing the headquarters and the headquarters company or detachment strategies concurrently, an integrated training package can be developed. That package supports the training needs of the soldiers in the HHC or HHD while simultaneously supporting METL training for the command group and staff.

Short-Range Planning

The guidance that results from the long-range planning process is refined further at the short-range planning stage. Subordinate commanders use this guidance to create their training calendars. An example of a command group and staff unit quarterly training calendar using CATS manuever/collective stategy applied to a short-range training plan is shown in Figure 1-3.

- For the first month shown, the collective tasks trained during the weekly cell/staff section training periods support METL tasks and are trained according to the commander's assessment and priorities for staff training outlined in the CTG. Soldier training tasks trained during this month are soldier or leader tasks supporting performance of the collective tasks to be trained during the weekly staff training sessions or the monthly STAFFEX.

Performance of the STAFFEX substitutes for ceil/staff section training in Week 4. Cell/staff section training can be driven by the conduct of a MAPEX or LCX and satisfied by the performance of a CPX, STAFFEX, TOCEX, or TEWT.

- For the second month, training concentrates on staff METL tasks identified as priority in the CTG. Training time here could also be spent training tasks evaluated as NO-GO during the first month's training. Training exercises such as an LCX can be utilized to drive training during these periods. LCXs can also be used to enhance staff coordination.

Performance of the TOCEX during Week 3 substitutes for performance of the monthly STAFFEX that would normally be conducted here. Commanders may have to modify or extend the training period of the TOCEX to include training tasks that would have been normally performed in the STAFFEX. A STAFFEX can also be satisfied by the conduct of a CPX or TEWT. A STAFFEX can be driven by the conduct of a MAPEX or LCX. Tasks rated as NO-GO during the TOCEX can be trained during Week 4.

FIRST MONTH	
WEEK 1	Cell/Staff Section Training
WEEK 2	Cell/Staff Section Training
WEEK 3	Cell/Staff Section Training
WEEK 4	STAFFEX
SECOND MONTH	
WEEK 1	Cell/Staff Section Training
WEEK 2	Cell/Staff Section Training
WEEK 3	TOCEX
WEEK 4	Cell/Staff Section Training
THIRD MONTH	
WEEK 1	Cell/Staff Section Training
WEEK 2	TEWT
WEEK 3	Cell/Staff Section Training
WEEK 4	CPX

Figure 1-3. Recommended command group and staff quarterly training calendar using CATS maneuver/collective strategy

■ During the third month, the TEWT shown for the second week substitutes for the ceil/staff section training that would normally be performed that week. Ideally, the TEWT discussion points and learning objectives would support and reinforce collective tasks trained in the previous month's cell/staff section, STAFFEX, or TOCEX training periods. The commander may also structure the TEWT to train staff coordination and integration in preparation for the upcoming CPX (Week 4). Cell/staff section training can be driven by the conduct of a MAPEX or LCX and satisfied by the performance of a CPX, STAFFEX, TOCEX, or TEWT.

The CPX shown for the fourth week substitutes for the STAFFEX that would normally be performed during the month. A STAFFEX can be satisfied by the conduct of a CPX, TOCEX, or TEWT.ASTAFFEX can be driven by the conduct of a MAPEX or LCX.

As can be seen in the above discussion, the commander structures the training program using recommended CATS training events, frequencies, and critical gates to support METL training. Weekly, monthly, or quarterly training events can be conducted independently or integrated into other collective training exercises. In scheduling training, the commander should take maximum advantage of higher headquarters directed events to accomplish recommended CATS training events.

Horizontal and Vertical Integration. In executing training strategy, the commander vertically integrates his training requirements with training requirements identified in training directives or the CTG. Additionally, the training strategy is horizontally integrated with the supported commands (division or brigade) or other units (for example, an aviation brigade) to ensure that combined arms training is effected.

HHC or HHD Maneuver/Collective Training Strategy. The training strategy for the HHC or HHD supports and is integrated with the command group and staff training strategy. The HHC or HHD commander develops and assesses his or her METL according to FM 25-100. The HHC or HHD commander develops long-and short-range training plans and training calendars in conjunction with the training strategy provided. Soldier training tasks and events are planned and integrated with the command group and staff training strategy. Many training events listed on the HHC or HHD training strategy can be satisfied by performance of that training by the staff sections. The HHC or HHD commander must ensure that soldier and collective tasks not included in the command group and staff strategy are planned and executed in support of the unit METL and command training guidance. For instance, drills and STXs for the communications and maintenance platoons and the HHC or HHD headquarters element must be planned, resourced, executed2, and evaluated prior to the performance of an FTX.

CHAPTER 2

GUIDE TO THE CATS

PURPOSE

This chapter will serve as a guide to reading and understanding the CATS unit training strategies--maneuver/collective, soldier, and gunnery (weapons). The strategies are presented in matrix format. Depending on the type of strategy, the matrix may list the following: unit, base vehicle or equipment, level or echelon for training, training events or training exercises, training event frequencies for both the active and reserve components, critical gates, and training resources. Select the strategies for your particular unit from the appropriate appendixes (Appendixes A-C) at the back of this publication. Use the following information and the notes in Appendix D to guide you in reading the strategies.

MANEUVER/COLLECTIVE STRATEGY

Cited at the top left of each maneuver/collective strategy in Appendix A is the Quartermaster unit for which the strategy was developed.

- Listed across the top of the strategy are the major training events or collective training exercises (as identified in FM 25-101 or as defined in the glossary of this TC). The order in which the events appear, from left to right, is not intended to be prescriptive. The order of the events does, however, show a logical progression of how a unit might proceed through an annual training cycle. For example, a STAFFEX should be conducted before a CPX. A CPX should be conducted before an FTX.

- On the left side of the strategy is a column titled "Level." Beginning with an entry for "Crew," this column lists each level or echelon that exists within a battalion. Each echelon listed shows both AC and RC lines to denote training.

- In each "Event" column is listed the number of iterations recommended for annual execution at a specific echelon or level to attain or maintain MTP standards. The small superscript letters denote information which appears in Appendix D. Some blocks in the "Event" columns are left blank intentionally, meaning the training echelon will not perform that specific event or that it will conduct that event with a higher-level organization.

- As the last entry in the "Level" column is a training category called "Critical Gates. " A critical gate is a task or tasks grouped in a training event that a soldier or unit must perform and receive an evaluation on prior to progressing to more complex or difficult tasks or events. MACOM commanders and field commanders may prescribe the performance of the task to standard as a prerequisite for progressing to subsequent tasks or events.

- At the bottom of the strategy matrix is a section for identifying the resources that can be used to support each training event. These resources include OPTEMPO, ammunition, TADSS, training land, and training ranges. The resources listed in the strategies represent those that are available now or that may be available by the end of FY 94.

- OPTEMPO figures reflect the annual operating miles or hours required for the ***base vehicle or equipment*** for a particular unit. The OPTEMPO figures were derived from the BLTM. When a BLTM was not available, an OPTEMPO was estimated by the proponent based on the support required for all the annual iterations of that training event.

- Ammunition requirements (including pyrotechnics) are found in the gunnery strategy matrixes in Appendix C. These figures reflect the ammunition required to support training events and weapons training and come from DA Pamphlet 350-38.

- TADSS are training-aids, devices, simulators, and simulations that support specific training events. TADSS listed are those systems or nonsystems

training devices that are currently fielded or those that may be fielded by the end of FY 94.

- Training land, the next resource category, refers to the training land needed to conduct collective training. The actual amount of training land needed by a particular echelon will be determined by METT-T, the particular tasks trained, and the characteristics or condition of the training land available. For these reasons specific requirements are not provided.

- Training range is a resource requirement that supports weapons training events. Training range requirements are derived from TC 25-8. For Quartermaster units, training range requirements are reflected in the Appendix C gunnery (weapons) strategies.

SOLDIER TRAINING STRATEGY

The soldier training strategy focuses on common skills training for all CMFs in a Quartermaster unit.

- The applicable training events are listed across the top of the strategy matrix.
- The column on the left side is titled "Frequency" and shows a number of entries for training frequency, ranging from daily through biennially. Each frequency contains both AC and RC lines.
- In each "Event" column, the number of iterations per event is identified by an "X" adjacent to the corresponding frequency in the "Frequency" column. Some blocks in the "Event" columns are left blank intentionally, meaning the training echelon will not perform that specific event or that it will conduct that event with a higher-level organization.
- At the bottom of the "Frequency" column is a training category called "Critical Gates. " See the definition for this term on the previous page.
- The bottom portion of the soldier training strategy matrix provides information on the resources available to implement your training program. These resources include OPTEMPO, ammunition, TADSS, training land, and training ranges.

GUNNERY STRATEGY

The gunnery (weapons) strategies were developed by the TRADOC schools identified (DA Pamphlet 350-38) as weapon proponents. Because the Infantry School is the proponent for all small arms and crew-served weapons, they developed the weapons strategies for all CSS units.

NOTE: *Weapon strategies in this TC cover only weapons used by CSS units.*

- Training events or tasks are listed at the top of the gunnery (weapons) strategy matrix.
- The first row, entitled "Individual," depicts the weapons training events for the individual soldier and several collective training events.
- Depicted next is a training category called "Critical Gates." See the definition for this term on the previous page.
- The "Frequency" portion (middle half) of each strategy depicts how often each task or event listed in the strategy should be performed annually. These figures are derived from DA Pamphlet 350-38.
- Gunnery (weapons) training for CA, CS, and CSS units is subdivided by training readiness condition according to DA Pamphlet 350-38. These subdivisions are: TRC A = AC units; TRC L = light infantry, air assault, and airborne units; TRC S = special reaction teams (AC, military police teams); TRC C = RC units; TRC D = USAR training division, reception stations, separate training brigades, and NGB training cadre.
- The weapons training event and the training readiness condition together set training frequency. For example, the Ml 6 strategy recommends that TRC A soldiers qualify semiannually and TRC C soldiers qualify annually.
- Towards the bottom of the gunnery strategy is a section identifying resources that can be used to support training. The strategy lists five categories of resources: OPTEMPO, ammunition, TADSS, training land, and training ranges.

APPENDIX A

MANEUVER/COLLECTIVE STRATEGIES

The maneuver/collective training strategy tables in this appendix recommend training events and frequencies and identify training resources for specific Quartermaster units. Select the table appropriate for your unit from the listing below. Refamiliarize yourself with the content and purpose of these tables by rereading the discussion in Chapter 2 (pages 2-1 and 2-2). Select the appropriate table of explanatory notes from Appendix D to guide you in reading the strategy for your unit.

List of Tables

Table **List of Tables (cont)** **Page**

Table A-1. Maneuver/collective strategy for command group and staff, petroleum group

LEVEL	EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW AC																
CREW RC																
SQUAD AC																
SQUAD RC																
SECTION AC																
SECTION RC																
PLATOON AC																
PLATOON RC																
COMPANY/ TROOP AC																
COMPANY/ TROOP RC																
GROUP AC																
GROUP RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]		1		1[h]	1*	.25[i]		
CRITICAL GATES														j		
RESOURCES [k]																
OPTEMPO AC BASE VEH/EQUIP:																
OPTEMPO RC BASE VEH/EQUIP:																
AMMO AC																
AMMO RC																
TADSS								CSSTSS CSSCS		CSSTSS CSSCS			MILES	MILES		
TNG LAND																
TNG RANGES																

* Completion of BCTP satisfies the requirement.

Table A-2. Maneuver/collective strategy for HHC, petroleum group

LEVEL	EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW AC																
CREW RC		4[b]														
SQUAD AC																
SQUAD RC																
SECTION AC																
SECTION RC																
PLATOON AC																
PLATOON RC																
COMPANY/ TROOP AC																
COMPANY/ TROOP RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON AC																
BATTALION/ SQUADRON RC																
CRITICAL GATES														FTX[h] *		
RESOURCES																
OPTEMPO AC																
BASE VEH/EQUIP: Trk,cgo,2 1/2-ton RC	465	80		30				30				10	300	90		
AMMO [i] AC																
AMMO [i] RC													i	i		
TADSS													MILES	MILES		
TNG LAND																
TNG RANGES																

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-202.

Table A-3. Maneuver/collective strategy for command group and staff, petroleum pipeline and terminal operating battalion

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC																
BATTALION/ SQUADRON	AC	220[a]		4[b]	2[c]	12[d]	4[e]	4[f]	3g		4		1	4	1[i]		
	RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1g		1		1[h]	1	.25[i]		
CRITICAL GATES															FTX[j] *		
RESOURCES [k]																	
OPTEMPO BASE VEH/EQUIP:	AC																
	RC																
AMMO	AC																
	RC																
TADSS									CSSTSS CSSCS		CSSTSS CSSCS			MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-206.

Table A-4. Maneuver/collective strategy for HHC, petroleum pipeline and terminal operating battalion (AC)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]		4		1	5	1[g]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO	AC	8,421	240		45				135				10	1,000	200		
BASE VEH/EQUIP: CUCV	RC																
AMMO [i]	AC													[i]	[i]		
	RC																
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-206.

Table A-5. Maneuver/collective strategy for HHC, petroleum pipeline and terminal operating battalion (RC)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP: Trk, cgo, $2^1/_2$-ton	RC	1,713	80		45				45				10	400	200		
AMMO [i]	AC																
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-206.

Table A-6. Maneuver/collective strategy for QM petroleum pipeline and terminal operating company

LEVEL	EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW AC		12[b]														
CREW RC		4[b]														
SQUAD AC																
SQUAD RC																
SECTION AC																
SECTION RC																
PLATOON AC																
PLATOON RC																
COMPANY/ TROOP AC	220[a]		4[c]	2[d]				3[e]		4		1	3	1[g]		
COMPANY/ TROOP RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON AC																
BATTALION/ SQUADRON RC																
CRITICAL GATES														FTX[h] *		
RESOURCES																
OPTEMPO AC	1,795	240		60				90				10	450	90		
BASE VEH/EQUIP: Trk, trac, 5-ton RC	345	80		30				30				10	300	90		
AMMO[i] AC													i	i		
AMMO[i] RC													i	i		
TADSS													MILES	MILES		
TNG LAND																
TNG RANGES																

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-207.

Table A-7. Maneuver/collective strategy for command group and staff, graves registration battalion

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC																
BATTALION/ SQUADRON	AC																
	RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]		1		1[h]	1	.25[i]		
CRITICAL GATES															FTX[i] *		
RESOURCES [k]																	
OPTEMPO BASE VEH/EQUIP:	AC																
	RC																
AMMO	AC																
	RC																
TADSS									CSSTSS CSSCS		CSSTSS CSSCS			MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-296.

Table A-8. Maneuver/collective strategy for HHD, graves registration battalion (corps/EAC)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	RC	1,169	80		30				30				10	150	75		
AMMO [i]	AC																
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-296.

Table A-9. Maneuver/collective strategy for graves registration company

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]		4		1	3	1[g]		
	RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO BASE VEH/EQUIP:	AC	1,000	240		60				90				10	450	90		
Trk, trac, 5-ton	RC	500	80		30				30				10	300	90		
AMMO[i]	AC													i	i		
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-297.

Table A-10. Maneuver/collective strategy for command group and staff, supply and services battalion

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC																
BATTALION/ SQUADRON	AC	220[a]		4[b]	2[c]	12[d]	4[e]	4[f]	3[g]	10	4		1	2	1[j]		
	RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]	5	1		1[h]	1	.25[j]		
CRITICAL GATES														STX[i] *	FTX[k] *		
RESOURCES [l]																	
OPTEMPO BASE VEH/EQUIP:	AC																
	RC																
AMMO	AC																
	RC																
TADSS									CSSTSS CSSCS	MILES	CSSTSS CSSCS			MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-446-MTP.

Table A-11. Maneuver/collective strategy for HHD, supply and services battalion

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4		1	2	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	4	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	55	240		60				90	250			15	100	40		
BASE VEH/EQUIP: CUCV	RC	226	80		30				30	125			15	200	40		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-446-30-MTP.

Table A-12. Maneuver/collective strategy for airdrop supply company

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]		4		1	3	1[g]		
	RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO AC BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	AC	1,915	240		60				90				10	140	40		
	RC	2,185	80		30				30				10	100	40		
AMMO[i]	AC													i	i		
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-407.

Table A-13. Maneuver/collective strategy for QM airdrop equipment repair and supply company (corps)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]		4		1	3	1[g]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO	AC	298	240		20				60				10	140	40		
BASE VEH/EQUIP: Trk, trac, 5-ton	RC																
AMMO[i]	AC													i	i		
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-417.

Table A-14. Maneuver/collective strategy for QM supply company, direct support

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4		1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	4	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	801	240		40				60	250			10	140	40		
BASE VEH/EQUIP: Trk, trac, 5-ton	RC	1,286	80		20				20	125			10	100	40		
AMMO [j]	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

*STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-447-30-MTP.

Table A-15. Maneuver/collective strategy for QM supply company, general support (AC)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4		1	3	1[h]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	86								60			10	74	30		
BASE VEH/EQUIP: Forklift, 10,000-lb	RC																
AMMO [j]	AC													j	j		
	RC																
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-418-30-MTP.

Table A-16. Maneuver/collective strategy for QM supply company, general support (RC)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC	12[a]		1[c]	1[d]				1[e]	4	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX*	FTX*		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP: CUCV	RC	3,904	80		30				30	125			15	100	40		
AMMO [j]	AC																
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-418-30-MTP.

Table A-17. Maneuver/collective strategy for QM repair parts supply company, general support

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4		1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	4	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	1,800	240		22				33	250			10	100	40		
BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	RC	2,178	80		11				11	125			10	40	40		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-419-30-MTP.

Table A-18. Maneuver/collective strategy for QM heavy materiel supply company (corps)

		EVENT															
LEVEL		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4		1	3	1[h]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	1,757	240		60				90	250			10	140	40		
BASE VEH/EQUIP: CUCV	RC																
AMMO [j]	AC													j	j		
	RC																
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-427-30-MTP.

Table A-19. Maneuver/collective strategy for QM heavy materiel supply company (COMMZ)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC	12[a]		1[c]	1[d]				1[e]	4	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	RC	363	80		11				11	125			10	40	40		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-427-30-MTP.

Table A-20. Maneuver/collective strategy for QM field service company, direct support

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4		1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	4	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	466	240		20				33	250			10	80	40		
BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	RC	1,318	80		10				11	125			10	40	40		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-414-30-MTP.

Table A-21. Maneuver/collective strategy for command group and staff, petroleum supply battalion

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC																
BATTALION/ SQUADRON	AC	220[a]		4[b]	2[c]	12[d]	4[e]	4[f]	3[g]		4		1	3	1[i]		
	RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]		1		1[h]	1	.25[i]		
CRITICAL GATES															FTX[i] *		
RESOURCES [k]																	
OPTEMPO BASE VEH/EQUIP:	AC																
	RC																
AMMO	AC																
	RC																
TADSS									CSSTSS CSSCS		CSSTSS CSSCS			MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-226.

Table A-22. Maneuver/collective strategy for HHD, petroleum supply battalion

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]		4		1	3	1[g]		
	RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO AC BASE VEH/EQUIP: CUCV	AC	1,193	240		90				135				10	600	120		
	RC	1,271	80		45				45				10	400	120		
AMMO [i]	AC													i	i		
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-226.

Table A-23. Maneuver/collective strategy for QM petroleum supply company

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]		4		1	3	1[g]		
	RC	12[a]		1[c]	1[d]				1[e]		1		1[f]	1	.25[g]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO AC BASE VEH/EQUIP:	AC	8,260	240		60				90				10	450	90		
Trk, trac, 5-ton	RC	1,268	80		30				30				10	300	90		
AMMO[i]	AC													i	i		
	RC													i	i		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-227.

Table A-24. Maneuver/collective strategy for command group and staff, water supply battalion

	EVENT															
LEVEL	CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW AC																
CREW RC																
SQUAD AC																
SQUAD RC																
SECTION AC																
SECTION RC																
PLATOON AC																
PLATOON RC																
COMPANY/ TROOP AC																
COMPANY/ TROOP RC																
BATTALION/ SQUADRON AC																
BATTALION/ SQUADRON RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]	4	1		1[h]	1	.25[j]		
CRITICAL GATES													STX[i] *	FTX[k] *		
RESOURCES [l]																
OPTEMPO AC																
BASE VEH/EQUIP: RC																
AMMO AC																
AMMO RC																
TADSS								CSSTSS CSSCS	MILES	CSSTSS CSSCS			MILES	MILES		
TNG LAND																
TNG RANGES																

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 10-466-MTP.

Table A-25. Maneuver/collective strategy for QM HHD, water supply battalion

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC	12[a]		1[c]	1[d]				1[e]	5	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP: Trk, util, 3/4-ton	RC	900	80		45				45	125			10	400	120		
AMMO [i]	AC														i		
	RC													j	j		
TADSS														MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 10-466-30-MTP.

Table A-26. Maneuver/collective strategy for QM water supply company, QM water purification team (barge-mounted ROWPU), and QM tactical water distribution team (hoseline)

	EVENT															
LEVEL	CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW AC		12[b]														
CREW RC		4[b]														
SQUAD AC																
SQUAD RC																
SECTION AC																
SECTION RC																
PLATOON AC																
PLATOON RC																
COMPANY/ TROOP AC	220[a]		4[c]	2[d]				3	10	4		1	3	1		
COMPANY/ TROOP RC	12[a]		1[c]	1[d]				1[e]	5	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON AC																
BATTALION/ SQUADRON RC																
CRITICAL GATES													STX[g] *	FTX[i] *		
RESOURCES																
OPTEMPO AC	1,685	240		60				90	250			10	450	90		
BASE VEH/EQUIP: Trk, cgo, 5-ton RC	1,875	80		30				30	125			10	300	90		
AMMO[j] AC													j	j		
AMMO[j] RC													j	j		
TADSS													MILES	MILES		
TNG LAND																
TNG RANGES																

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 10-468-30-MTP.

Table A-27. Maneuver/collective strategy for QM water purification detachment and QM water purification team (12,000-GPH)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	10	4		1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1		1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	AC	700	240		90				135	250			10	450	90		
	RC	250	80		45				45	125			10	300	90		
AMMO [j]	AC													j	j		
	RC													j	j		
TADSS																	
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 10-469-30-MTP.

Table A-28. Maneuver/collective strategy for airdrop supply detachment

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	10	4		1	3	1[h]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	500	240		40				60	250			10	140	40		
BASE VEH/EQUIP: Trk, trac, 5-ton	RC																
AMMO [j]	AC													j	j		
	RC																
TADSS											MILES			MILES	MILES		
TNG LAND																	
TNG RANGES																	

* Conduct STX, FTX, and EXEVAL tasks and standards in accordance with ARTEP 10-337-30-MTP until ARTEP 10-443-30-MTP is published (3d quarter FY 93).

Table A-29. Maneuver/collective strategy for supply and service company, main support battalion (heavy division and heavy light division)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				3[e]	8	4	1	1	1	1[h]		
	RC	12[a]		2[c]	1[d]				1[e]	4	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO AC BASE VEH/EQUIP:		1,876	240		40				60	250		20	10	50	40		
Trk, trac, 5-ton	RC	2,171	80		20				20	125		20	10	100	40		
AMMO	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-007-30-MTP.

Table A-30. Maneuver/collective strategy for supply and service company, main support battalion (infantry division)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC	12[a]		1[c]	1[d]				1[e]	4	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP: Trk, cgo, 5-ton	RC	719	80		20				20	125		30	10	90	90		
AMMO [j]	AC																
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-007-30-MTP.

Table A-31. Maneuver/collective strategy for supply company, forward support battalion (heavy division and heavy light division)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	8	4	1	1	2	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	4	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO AC BASE VEH/EQUIP:	AC	3,580 **1,025	240		40				80	250		20	12	90	40		
Trk, trac, 5-ton	RC	845 **200	80		20				20	125		20	12	100	40		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES				MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-004-30-MTP.
** OPTEMPO for supply company, forward support battalion (heavy light division).

Table A-32. Maneuver/collective strategy for command group and staff, supply and transport battalion (airborne division)

		EVENT															
LEVEL		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC																
BATTALION/ SQUADRON	AC	220[a]		4[b]	2[c]	12[d]	4[e]	4[f]	4[g]	8	4	1	1	2	1[j]		
	RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]	4	1	.5	1[h]	1	.25[j]		
CRITICAL GATES														STX[i] *	FTX[k]		
RESOURCES [l]																	
OPTEMPO BASE VEH/EQUIP:	AC																
	RC																
AMMO	AC																
	RC																
TADSS									CSSTSS CSSCS	MILES	CSSTSS CSSCS	MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-26-MTP.

Table A-33. Maneuver/collective strategy for headquarters and supply company, supply and transport battalion (airborne division)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO AC BASE VEH/EQUIP:	AC	4,061	240		50				100	250		40	10	210	50		
Trk, cgo, 2 1/2-ton	RC	696	80		25				25	125		40	10	160	50		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-026-30-MTP.

Table A-34. Maneuver/collective strategy for forward supply company, supply and transport battalion (airborne division)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	4,061	240		50				100	250		40	10	210	50		
BASE VEH/EQUIP: Trk, cgo, 2 1/2-ton	RC	696	80		25				25	125		40	10	160	50		
AMMO [j]	AC													j	j		
	RC													j	j		
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-027-30-MTP.

Table A-35. Maneuver/collective strategy for QM airdrop equipment support company, supply and transport battalion (airborne division)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO BASE VEH/EQUIP:	AC	2,118	240		50				100	250		40	10	210	40		
Trk, trac, 5-ton	RC																
AMMO[j]	AC													j	j		
	RC																
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 10-337-30-MTP.

Table A-36. Maneuver/collective strategy for QM airdrop equipment repair and supply company (airborne division)

LEVEL		EVENT																
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]		4	1	1	3	1[g]		
	RC																
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES															FTX[h] *		
RESOURCES																	
OPTEMPO BASE VEH/EQUIP:	AC	1,893	240		50				100			40	10	210	40		
	RC																
AMMO [i]	AC													[i]	[i]		
	RC																
TADSS												MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* FTX and EXEVAL tasks and standards are covered in ARTEP 10-417.

Table A-37. Maneuver/collective strategy for command group and staff, supply and transport battalion (air assault division)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC																
	RC																
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC																
	RC																
BATTALION/ SQUADRON	AC	220[a]		4[b]	2[c]	12[d]	4[e]	4[f]	4[g]	8	4	1	1	2	1[j]		
	RC	12[a]		1[b]	1[c]	4[d]	2[e]	2[f]	1[g]	4	1	.5	1[h]	1	.5[j]		
CRITICAL GATES														STX[i] *	FTX[k] *		
RESOURCES [l]																	
OPTEMPO BASE VEH/EQUIP:	AC																
	RC																
AMMO	AC																
	RC																
TADSS									CSSTSS CSSCS	MILES	CSSTSS CSSCS	MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-26-MTP.

Table A-38. Maneuver/collective strategy for headquarters and supply company, supply and transport battalion (air assault division)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	8,028	240		60				120	250		60	10	390	90		
BASE VEH/EQUIP: Trk, cgo, 5-ton	RC	2,074	80		30				30	125		60	10	300	90		
AMMO [j]	AC													j	j		
	RC													j	j		
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-026-30-MTP.

Table A-39. Maneuver/collective strategy for forward supply company, supply and transport battalion (air assault division)

LEVEL		EVENT															
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC																
BASE VEH/EQUIP:		8,028	240		60				120	250		60	10	390	90		
Trk, cgo, 5-ton	RC	2,074	80		30				30	125		60	10	300	90		
AMMO [j]	AC													j	j		
	RC													j	j		
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-027-30-MTP.

Table A-40. Maneuver/collective strategy for supply and transport troop, support squadron (armored cavalry regiment)

LEVEL		EVENT																
		CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	2,643	240		40				80	250		40	10	210	60		
BASE VEH/EQUIP: Trk, trac, 5-ton	RC	368	80		20				20	125		40	10	150	60		
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-077-30-MTP.

Table A-41. Maneuver/collective strategy for supply and transport company, support battalion (heavy separate brigade)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	3,002	240		40				80	250		45		200		50	
BASE VEH/EQUIP: Trk, trac, 5-ton	RC	1,175	80		20				20	125		45		150		50	
AMMO[j]	AC													j	j		
	RC													j	j		
TADSS										MILES		MILES		MILES	MILES		
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-077-30-MTP.

Table A-42. Maneuver/collective strategy for supply and transport company, support battalion (separate infantry brigade)

LEVEL		EVENT: CSS CUST SPT OP	DRILL	MAPEX	TEWT	CELL/ STF SEC TNG	TOCEX	STAFFEX	CPX	STX	LCX	CFX	DEPEX MOBEX	FTX	EXEVAL	JTX CTX	CTC
CREW	AC		12[b]														
	RC		4[b]														
SQUAD	AC																
	RC																
SECTION	AC																
	RC																
PLATOON	AC																
	RC																
COMPANY/ TROOP	AC	220[a]		4[c]	2[d]				4[e]	10	4	1	1	3	1[h]		
	RC	12[a]		1[c]	1[d]				1[e]	5	1	.5	1[f]	1	.25[h]		
BATTALION/ SQUADRON	AC																
	RC																
CRITICAL GATES														STX[g] *	FTX[i] *		
RESOURCES																	
OPTEMPO	AC	2,987	240		40				80	250		30	10	210	60		
BASE VEH/EQUIP: Trk, trac, 5-ton	RC	1,178	80		20				20	125		30	10	150	60		
AMMO [j]	AC																
	RC																
TADSS																	
TNG LAND																	
TNG RANGES																	

* STX, FTX, and EXEVAL tasks and standards are covered in ARTEP 42-077-30-MTP.

SOLDIER TRAINING STRATEGY FOR ALL QUARTERMASTER UNITS

FREQUENCY		EVENT												
		PT	CT TNG	MOS	NBC	MAINT	APFT	CTT	NBC TEST	SDT				
DAILY	AC													
	RC													
WEEKLY	AC	XXX		X		X								
	RC													
MONTHLY	AC		X		X									
	RC	X		X		X								
QUARTERLY	AC													
	RC		X											
SEMIANNUALLY	AC				X		X							
	RC													
ANNUALLY	AC							X	X	X				
	RC						X			X				
BIENNIALLY	AC													
	RC							X	X					
CRITICAL GATES							PT (FM 21-20)	CT TNG (STP 21-1-SMCT)		MOS (SDT NOTICE)				
RESOURCES														
OPTEMPO	AC													
	RC													
AMMO	AC													
	RC													
TADSS			*	**										
TNG LAND			LTA					LTA						
TNG RANGES														

* AT-4,LAW, Weaponeer.

** FARE, JFTOT, TWDS, ULLS, Mortuary Affairs Specialist, SARSS interim/objective.

APPENDIX C

GUNNERY STRATEGIES

List of Tables

Table C-1. M1911A1 or 9-millimeter pistol

		EVENT									
INDIVIDUAL		PMI PMT	Instructional Fire	Combat Pistol Qual	NBC Record Fire	Night Record Fire					
CRITICAL GATES				PMI & Instructional Fire (FM 23-35)							
		FREQUENCY									
CA/CS/CSS UNITS	**TRC**										
	A	1	1	1	1	1					
	L	1	1	1	1	1					
	S	0	0	0	0	0					
	C	1	1	1	1	1					
	D	1	1	1	1[a]	1[a]					
		RESOURCES									
OPTEMPO											
AMMO			10 Ball	40 Ball	40 Ball	40 Ball					
TADSS											
TNG LAND		LTA									
TNG RANGES			Combat Pistol Qual Course	Combat Pistol Qual Course	Combat Pistol Qual Course	Combat Pistol Qual Course					

NOTE: a. Biennial event.

Table C-2. M16A1/A2 rifle

		EVENT									
INDIVIDUAL		PMI PMT	Zero	Practice & Record Fire	NBC Practice & Record Fire	Night Practice & Record Fire [a]	Co FTX	EXEVAL (ARTEP)			
CRITICAL GATES			PMI (STP 21-1-SMCT; FM 23-9)	Zero (FM 23-9)	NBC Practice (FM 23-9)	Night Practice (FM 23-9)					
CA/CS/CSS UNITS	**TRC**	**FREQUENCY**									
	A	2	2	2	2	2	1	1			
	L	2	2	2	2	2	2	1			
	S	4	4	4	4	4	4	0			
	C	1	1	1	1	1	1	0			
	D	1	1	1	1 [b]	1 [b]	1	0			
RESOURCES											
OPTEMPO											
AMMO			18 Ball	80 Ball	40 Ball	40 Ball 20 Tracer	40 Blank	40 Blank			
TADSS		MACS Weaponeer	MACS Weaponeer LOMAH	MACS Weaponeer LOMAH	MACS Weaponeer LOMAH	MACS Weaponeer LOMAH	M16 MILES BFA	M16 MILES BFA			
TNG LAND		LTA					LTA/MTA	LTA/MTA			
TNG RANGES			25-Meter Zero Range	Automatic Record Fire Range	Automatic Record Fire Range	Automatic Record Fire Range					

NOTES: a. Use 20 ball and 10 tracer rounds for firing night fire to standard (FM 23-9).
b. Biennial event.

Table C-3. M203 grenade launcher

		EVENT									
INDIVIDUAL		PMI PMT	a HE Fire (FM 23-31, Table 8-3)	b Zero & Qual	NBC Record (FM 23-31, Table 8-3)						
CRITICAL GATES				PMI (STP 21-1-SMCT; FM 23-31)	Zero (FM 23-31)						
CA/CS/CSS UNITS	**TRC**	**FREQUENCY**									
	A	1	1	1	1						
	L	1	1	2	2						
	S	1	1	2	2						
	C	1	1	1	1						
	D	1	0	1	1 c						
RESOURCES											
OPTEMPO											
AMMO			5 HE	12 TP	5 TP						
TADSS											
TNG LAND		LTA									
TNG RANGES			Grenade Launcher Range	Grenade Launcher Range	Grenade Launcher Range						

NOTES: a. TP may be substituted for HE.
b. Zero using three TP; then qualify IAW FM 23-31, Table 8-2.
c. Biennial event.

Table C-4. M60 machine gun

		EVENT									
INDIVIDUAL		PMI PMT	10-Meter Practice & Record	Transition Practice & Record	NBC Fire	Limited Visibility	Predeter-mined Fire	[a] Asst Gunner Fire	Co FTX	EXEVAL (ARTEP)	
CRITICAL GATES			PMI (STP 21-1-SMCT; FM 23-67)	Transition Practice (FM 23-67)				PMI (STP-21-1-SMCT; FM 23-67)			
	TRC	**FREQUENCY**									
CA/CS/CSS UNITS	**A**	1	1	1	1	1	1	1	1	1	
	L	2	2	2	2	2	2	2	2	1	
	S	0	0	0	0	0	0	0	0	0	
	C	1	1	1	1 [b]	1 [b]	1 [b]	1 [b]	1	0	
	D	1	1	0 Practice 1 Record	1 [b]	0	1 [b]	0	1	0	
RESOURCES											
OPTEMPO											
AMMO			216 Ball	280 Mix	100 Mix	110 Mix	180 Mix	300 Mix 216 Ball	200 Blank	200 Blank	
TADSS			LOMAH	LOMAH					M60 MILES M13 BFA	M60 MILES M13 BFA	
TNG LAND		LTA							LTA/MTA	LTA/MTA	
TNG RANGES			10-Meter Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range			

NOTES: a. Assistant gunner qualification consists of 10-meter practice and record fire, transition record fire, NBC fire, and predetermined night (60 mix) fire.
b. Biennial event.

Table C-5. M2 .50 caliber machine gun

	EVENT									
INDIVIDUAL	PMI PMT	Gunners Exam	10-Meter Practice & Record Fire [a]	Transition Record Fire [a]	Moving Target Fire [a]	NBC Record Fire [a]	Predetermined Fire [a]	Asst Gunner Fire [a]	Co FTX	EXEVAL (ARTEP)
CRITICAL GATES		PMI (FM 23-65)	10-Meter Practice (FM 23-65)					PMI & 10-Meter Practice (FM 23-65)		
	FREQUENCY									
	2	2	1	1	1	1	1	1	1	1
	2	2	1	1	1	1	1	1	2	1
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1[b]	1[b]	1[b]	1	0
	1	1	0	1	0	1[b]	1[b]	0	0	0
RESOURCES										
OPTEMPO										
AMMO			172 Ball	66 Mix	25 Mix	56 Mix	60 Mix 40 Tracer	207 Mix 172 Ball 40 Tracer	100 Blank	100 Blank
TADSS									.50 Cal MILES M19 BFA	.50 Cal MILES M19 BFA
TNG LAND	LTA	LTA							LTA/MTA	LTA/MTA
TNG RANGES			MPMG or M2 .50 Cal Range	MPMG or M2 .50 Cal Range	MPMG or M2 .50 Cal Range	MPMG or M2 .50 Cal Range	MPMG or M2 .50 Cal Range	MPMG or M2 .50 Cal Range		

NOTES: a. May be fired from the tripod or vehicular mount.
b. Biennial event.

Table C-6. M249 SAW

		EVENT										
INDIVIDUAL		PMI PMT	[a] Proficiency Exam	[b,c] 10-Meter (FM23-14, Table I)	[b,c] 10-Meter Record (FM23-14, Table III)	[b] Transition Pratice (FM23-14, Tables IV&V)	[b] Transition Record (FM23-14, Tables IV&V)	[b] NBC Record (FM23-14, Table III)	[b] Alternate Gunner	[c] Alternate Gunner	Co FTX	EXEVAL (ARTEP)
CRITICAL GATES			PMI (FM23-14)		FM 23-14, Table I		Transition Practice (FM23-14)		PMI Table & Transition Practice (FM23-14)	PMI Table I& Transition Practice (FM23-14)		
CA/CS/CSS UNITS	**TRC**	**FREQUENCY**										
	A	1	1	1	1	1	1	1	0	1	1	1
	L	1	1	1	2	2	2	2	2	0	2	1
	S	0	0	0	0	0	0	0	0	0	0	0
	C	1	1	1	1	1	1	1 [d]	0	1	1	0
	D	1	1	1	1	0	1	1 [d]	0	0	1	0
RESOURCES												
OPTEMPO												
AMMO				57 Ball	42 Ball	204 Mix	195 Mix	42 Mix	99 Ball 441 Mix	99 Ball	400 Blank	400 Blank
TADSS												
TNG LAND		LTA	LTA								LTA/MTA	LTA/MTA
TNG RANGES				MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range	MPMG or M60 MG Range		

NOTE: a. Proficiency exam (FM 23-14, Appendix B).
b. TRC L weapons are resourced for an alternate gunner to conduct Table I, III (record); Table IV and V (record); and NBC record.
c. Alternate gunners for TRCs A and C are resourced to conduct 10-meter Tables I and III (record).
d. Biennial event.

Table C-7. MK19 machine gun

		EVENT									
INDIVIDUAL		PMI PMT	Gunnery Skill Test	[a] Range Card Practice (FM 23-27, Table C-1)	Mounted Practice (FM 23-27, Table C-3)	Range Card Record (FM 23-27, Table C-5)	[b] Mounted NBC Record (FM 23-27, Table C-6)	Night Record (FM 23-27, Table C-7)	Asst Gunner Qual	EXEVAL (ARTEP)	
CRITICAL GATES			PMI (FM 23-27)			Range Card Practice (FM 23-27)	Mounted Practice (FM 23-27)		PMI Range Card & Mounted Practice (FM 23-27)		
	TRC	**FREQUENCY**									
CA/CS/CSS UNITS	**A**	12	4	1	1	1	1	1	1	1	
	L	12	4	1	1	1	1	1	1	1	
	S	0	0	0	0	0	0	0	0	0	
	C	2	4	1	1	1	1 [c]	1 [c]	1 [c]	0	
	D	2	4	1	0	0	1 [c]	1 [c]	0	0	
RESOURCES											
OPTEMPO											
AMMO			10 Dummy Rounds	26 TP	26 TP	42 TP	26 TP	22 TP	142 TP		
TADSS											
TNG LAND		LTA	LTA							LTA/MTA	
TNG RANGES				MPRC	MPRC	MPRC	MPRC	MPRC	MPRC		

NOTES: a. HE rounds may be substituted for TP rounds for HE familiarization. If HE rounds are used, they must be fired into a dedicated impact area because of the danger of duds.

Table C-8. M136 AT-4

		EVENT									
INDIVIDUAL		PMI PMT	Table I (FM 23-25)	Table II (FM 23-25)	Qual (FM 23-25, Table III)	[a] Table IV (FM 23-25)	Advance Fire (FM 23-25, Table V)	Co FTX	EXEVAL (ARTEP)		
CRITICAL GATES					PMI (FM 23-25, Tables I &II)						
	TRC	**FREQUENCY**									
CA/CS/CSS UNITS	**A**	I	I	I	I [b]	I	I	I	I		
	L	I	I	I	I [b]	I	I	2	I		
	S	0	0	0	0	0	0	0	0		
	C	I	I	0	I [b]	0	I	I	0		
	D	I	I	0	I [c]	0	0	0	0		
RESOURCES											
OPTEMPO											
AMMO			12 (9-mm)	12 (9-mm)	8 (9-mm)	6 (9-mm)	6 (9-mm)	6 ATWESS	6 ATWESS		
TADSS		AT-4 FHT	AT-4 Tracer Trainer	AT-4 Tracer Trainer	AT-4 Tracer Trainer	AT-4 Tracer Trainer	AT-4 Tracer Trainer	AT-4 MILES	AT-4 MILES		
TNG LAND		LTA						LTA/MTA	LTA/MTA		
TNG RANGES			Light AA Range	Light AA Range	Light AA Range	Light AA Range	Light AA Range				

NOTES: a. Not required for qualification. Training event only.
b. TRCs A/L/C--10 percent of assigned soldiers (sergeant and below) fire Table III (FM 23-25).
c. TRC D--80 percent of assigned AT-4 committee instructors and 80 percent of drill sergeants fire Table III (FM 23-25).

Table C-9. M72 LAW

		EVENT								
INDIVIDUAL		PMI PMT	Tables I & II (FM 23-33)	Table III (FM 23-33)	Qual (FM 23-33, Tables I & II)	Qual (FM 23-33, Table III)	Co FTX	EXEVAL (ARTEP)		
CRITICAL GATES					PMI (STP 21-1-SMCT; Tables I,II, & III, FM 23-33)					
CA/CS/CSS UNITS	**TRC**	**FREQUENCY**								
	A	1	1	1	1 [a]	1 [a]	1	1		
	L	1	1	1	1 [a]	1 [a]	2	1		
	S	0	0	0	0	0	0	0		
	C	1	1	0	1 [b]	0	1	0		
	D	1	1	0	0 [c,d]	0	0	0		
RESOURCES										
OPTEMPO										
AMMO			7 35-mm Subcaliber Rockets	3 35-mm Subcaliber Rockets	7 35-mm Subcaliber Rockets	3 35-mm Subcaliber Rockets	6 ATWESS	6 ATWESS		
TADSS		LAW FHT	LAW M190 Subcaliber Launcher	LAW M190 Subcaliber Launcher	LAW M190 Subcaliber Launcher	LAW M190 Subcaliber Launcher	LAW MILES	LAW MILES		
TNG LAND		LTA					LTA/MTA	LTA/MTA		
TNG RANGES			Light AA Range	Light AA Range	Light AA Range	Light AA Range				

NOTES: a. TRCs A/L-- 10 percent of assigned soldiers (sergeant and below) will fire Table I, II, and III (FM 23-33).
b. TRC C-- 10 percent of assigned soldiers (sergeant and below) will fire Tables I and II (FM 23-33).
c. TRC D-- 80 percent of assigned committee instructors will fire Tables I and II (FM 23-33).
d. TRC D-- 80 percent of assigned drill sergeants will fire Table I (FM 23-33).

Table C-10. Hand grenade

		EVENT								
INDIVIDUAL		Preliminary Instruction	Qualification	Live Grenade Throw	Co FTX	EXEVAL (ARTEP)				
CRITICAL GATES			PI (STP 21-1-SMCT; FM 23-30)							
CA/CS/CSS UNITS	**TRC**	**FREQUENCY**								
	A	2	2	0						
	L	2	2	0						
	S	4	4	2						
	C	1	1	0						
	D	1	1	0						
RESOURCES										
OPTEMPO										
AMMO			10 M228[a]	1 M67						
TADSS					MILES GRENADE	MILES GRENADE				
TNG LAND		LTA			LTA/MTA	LTA/MTA				
TNG RANGES			Hand Grenade Qualification Course	Hand Grenade Live Fire Bays						

NOTE a. When ordering the M228 practice fuze, order body practice grenade, DODIC G811, to conduct training.

Table C-11. M18A1/A2 claymore mine

	EVENT									
INDIVIDUAL	Employment Instruction	Qualification	Co FTX	EXEVAL (ARTEP)	Live Fire Qualification					
CRITICAL GATES		Employment Instruction (STP 21-1-SMCT)			Qualification (STP 21-1-SMCT)					
	FREQUENCY									
	2	2	1	1	1					
	2	2	2	1	1					
	0	0	0	0	0					
	1	1	1	0	0					
	1	1	0	0	0					
RESOURCES										
OPTEMPO										
AMMO	Inert Claymore Mine	Inert Claymore Mine	Inert Claymore Mine	Inert Claymore Mine	1 M18A1/A2 Per Platoon					
TADSS	Inert Claymore Mine	Inert Claymore Mine	Inert Claymore Mine MILES Claymore	Inert Claymore Mine MILES Claymore						
TNG LAND	LTA	LTA	LTA/MTA	LTA/MTA						
TNG RANGES					Mine or Demolition Range					

Table C-12. Pyrotechnics strategy

DODIC	Nomenclature	AC Battalion FTX Co	AC Battalion FTX Plt	AC Battalion Ann Rqmt	RC Battalion FTX Co	RC Battalion FTX Plt	RC Battalion Ann Rqmt	Sep Companies FTX Co	Sep Companies FTX Plt	Sep Companies Ann Rqmt
G963	Gren,smk,CS	2	1	20	2	1	8	2	1	5
G930	Gren,smk,HC	6	3	60	6	3	24	6	3	15
G940	Gren,smk,grn	3	0	12	3	0	12	3	0	3
G945	Gren,smk,yel	4	1	28	4	1	16	4	1	7
G950	Gren,smk,red	6	2	48	6	2	24	6	2	12
G955	Gren,smk,viol	2	1	20	2	1	8	2	1	5
K867	Smk pot,flt,M4A2	1	1	16	1	1	4	1	1	4
L305	Sig,illum,grn,prcht	1	0	4	1	0	4	1	0	1
L306	Sig,illum,red,prcht	1	1	16	1	1	4	1	1	4
L307	Sig,illum,wh,prcht	1	1	16	1	1	4	1	1	4
L311	Sig,illum,red,star	1	0	4	1	0	4	1	0	1
L312	Sig,illum,wh,star	1	1	16	1	1	4	1	1	4
L314	Sig,illum,grn,star	1	1	16	1	1	4	1	1	4
L495	Flare,surface,trip	3	1	24	3	1	12	3	1	6
L594	Sim,proj,grnd brst	6	3	60	6	3	24	6	3	15
L596	Sim,arty,gun flash	2	0	8	2	0	8	1	0	1
L598	Sim,booby trap,flash	3	2	36	3	2	12	3	2	9
L599	Sim,booby trap,illum	2	1	20	2	1	8	2	1	5
L600	Sim,booby trap,whis	3	1	24	3	1	12	3	1	6
L601	Sim,hand gren	8	3	68	8	3	32	8	3	17
L630	Sim,proj,air brst,liq(SPAL),M9	8	2	56	10	0	40	8	2	14
Annual Frequency		1	1		1	0		1	1	

NOTES:

1. The annual requirement represents the pyrotechnic requirements for a training year. Unit commanders may desire to use more or fewer pyrotechnics for a particular exercise than what is suggested. However, units cannot exceed their annual allocation.
2. The annual frequency of each event is indicated at the bottom of the table.
3. For the purpose of standardization in calculation only, each battalion is counted as having four companies and each company three platoons.
4. Companies are considered in the total battalion allocations as are OPFOR requirements.
5. Pyrotechnic requirements for CTCs have been resourced separately and are not a part of a unit's annual requirements as listed above.
6. Separate companies are considered as those that are not a part of a TOE battalion or that are required to operate in an isolated manner because of geographical location.
7. Requirements shown in the far right column of the table are the total pyrotechnic requirements for the battalion or separate company. Unit trainers must subdivide these resources among their subordinate units as the training situation dictates.
8. The following additional pyrotechnics are authorized for each airborne/air mobile operation: eight G930 Grenade, Smoke, HC; two G950 Grenade, Smoke, Red; and one K867 Smoke Pot, Floating, M4A2.

APPENDIX D

NOTES

The explanatory notes in the tables of this appendix are to be used in conjunction with the tables in Appendix A. Select the table of notes appropriate for your unit or echelon and refer to it when reading the maneuver/collective training strategy table for your particular unit or echelon. For ease of use, you may wish to refile the appropriate table of notes opposite the Appendix A table for your unit or ecehlon.

As of the printing of this TC, the Army Training and Evaluation Program has two types of books in the field. ARTEPs printed before 1989 contain T&EOs for a unit. ARTEP MTPs include T&EOs, STXs, an FTX, and external evaluation guidelines. The ARTEP MTPs, published starting in 1989, supersede those ARTEPs for which they are written. An ARTEP publication number reads ARTEP XX-XXX; an ARTEP MTP publication number reads ARTEP XX-XXX-MTP.

Table D-1. Quartermaster command groups and staffs with an ARTEP MTP

NOTES:

a. The figure "220" is based on the number of training days available. It is assumed this unit provides CSS customer support daily. The figure "12" is based on the number of training days available to RC units during annual training. It is assumed CSS customer support will be provided daily during annual training.

b. A MAPEX may be conducted in conjunction with cell/staff section training, a STAFFEX, TOCEX, or CPX. To save OPTEMPO mileage, a MAPEX may be conducted in garrison.

c. A TEWT may be conducted in conjunction with a TOCEX, STX, or FTX to save OPTEMPO mileage.

d. Cell/staff section training should be conducted in preparation for a TOCEX, STAFFEX, or LCX.

e. A TOCEX can satisfy cell/staff section training and a STAFFEX.

f. A STAFFEX should be conducted in preparation for a CPX or LCX and can be satisfied by the conduct of a TEWT, TOCEX, LCX, or CPX.

g. Participation in a higher-headquarters CPX satisfies a requirement. Use of a combat simulation (BBS or CBS) also satisfies a requirement.

h. A "no notice" DEPEX or one held in conjunction with annual training must be conducted annually for early-deploying (M to M+30) RC battalions and companies. As a

Table D-1. Quartermaster command groups and staffs with an ARTEP MTP (continued)

minimum, RC units must conduct alert assembly and load out to satisfy the DEPEX requirement. A MOBEX must be conducted biennially and can be satisfied by participation in a DA-directed mobilization station (MS) CPX, MS FTX, 200K Limited Notice Exercise, or for the ARNG, participation a in JCS-sponsored mobilization CPX.

i. Completion of the STXs in the ARTEP MTP is the critical gate for an FTX.

j. The external evaluation may satisfy the requirement for an FTX, thereby saving OPTEMPO mileage. Completion of CTC (NTC/JRTC) training satisfies the requirement for RC units.

k. Completion of the FTX in the ARTEP MTP is the critical gate for an external evaluation.

l. The resources OPTEMPO and training land are covered in the HHC or HHD maneuver/collective strategy in Appendix A. Ammunition and training ranges are covered in the gunnery (weapons) strategies in Appendix C.

Table D-2. Quartermaster command groups and staffs with an ARTEP

NOTES:

a. The figure "220" is based on the number of training days available. It is assumed this unit provides CSS customer support daily. The figure "12" is based on the number of training days available to RC units during annual training. It is assumed CSS customer support will be provided daily during annual training.

b. A MAPEX may be conducted in conjunction with cell/staff section training, a STAFFEX, TOCEX, OR CPX. To save OPTEMPO mileage, a MAPEX may be conducted in garrison.

c. A TEWT may be conducted in conjunction with a TOCEX or FTX to save OPTEMPO mileage.

d. Cell/staff section training should be conducted in preparation for a TOCEX, STAFFEX, or LCX.

e. A TOCEX can satisfy cell/staff section training and a STAFFEX.

f. A STAFFEX should be conducted in preparation for a CPX or LCX and can be satisfied by the conduct of a TEWT, TOCEX, LCX, or CPX.

g. Participation in a higher-headquarters CPX satisfies a requirement. Use of a combat simulation (BBS or CBS) also satisfies a requirement.

h. A "no notice" DEPEX or one held in conjunction with annual training must be conducted annually for early-deploying (M to M+30) RC brigades, groups, battalions, and companies. As a minimum, RC units must conduct alert assembly and load out to satisfy the DEPEX requirement. A MOBEX must be conducted biennially and can be satisfied by participation in a DA-directed mobilization station (MS) CPX, MS FTX, 200K Limited Notice Exercise, or for the ARNG, participation in a JCS-sponsored mobilization CPX.

i. The external evaluation may satisfy the requirement for an FTX, thereby saving OPTEMPO mileage. Completion of CTC (NTC/JRTC) training satisfies the requirement for RC units. No mandatory requirement exists for RC echelons at group level.

j. Completion of the standards listed in the ARTEP is the critical gate for an external evaluation. No mandatory requirement exists for RC echelons at group level.

k. The resources OPTEMPO and training land are covered in the HHC or HHD maneuver/ collective strategy in Appendix A. Ammunition and training ranges are covered in the gunnery (weapons) strategies in Appendix C.

Table D-3. Quartermaster company-size units with an ARTEP MTP

NOTES:

a. The figure "220" is based on the number of training days available. It is assumed this unit provides CSS customer support daily. The figure "12" is based on the number of training days available to RC units during annual training. It is assumed CSS customer support will be provided daily during annual training.

b. The commander determines the applicable drills IAW published drill books. If there are no published drills and the commander determines the need for drills, then the commander must define the drills and the standards. Drills may be conducted in garrison to save OPTEMPO mileage.

c. A MAPEX may be conducted in garrison to save OPTEMPO mileage or in conjunction with a CPX, STX, or FTX.

d. A TEWT may be conducted in conjunction with a STX or FTX to save OPTEMPO mileage.

e. Participation in a higher-headquarters CPX satisfies a requirement.

f. A "no notice" DEPEX or one held in conjunction with annual training must be conducted annually for early-deploying (M to M+30) RC companies. As a minimum, RC units must conduct alert assembly and load out to satisfy the DEPEX requirement. A MOBEX must be conducted biennially and can be satisfied by participation in a DA-directed mobilization station (MS) CPX, MS FTX, 200K Limited Notice Exercise, or for the ARNG, participation in a JCS-sponsored mobilization CPX.

g. Completion of the STXs in the ARTEP MTP is the critical gate for an FTX.

h. The external evaluation may satisfy the requirement for an FTX, thereby saving OPTEMPO mileage. Completion of CTC (NTC/JRTC) training satisfies the requirement for RC units.

i. Completion of the FTX in the ARTEP MTP is the critical gate for an external evaluation.

j Ammunition and pyrotechnic requirements are identified in the gunnery (weapons) strategies in Appendix C.

Table D-4. Quartermaster company-size units with an ARTEP

NOTES:

a. The figure "220" is based on the number of training days available. It is assumed this unit provides CSS customer support daily. The figure "12" is based on the number of training days available to RC units during annual training. It is assumed CSS customer support will be provided daily during annual training.

b. The commander determines the applicable drills IAW published drill books. If there are no published drills and the commander determines the need for drills, then the commander must define the drills and the standards. Drills may be conducted in garrison to save OPTEMPO mileage.

c. A MAPEX may be conducted in garrison to save OPTEMPO mileage or in conjunction with a CPX or FTX.

d. A TEWT may be conducted in conjunction with an FTX to save OPTEMPO mileage.

e. Participation in a higher-headquarters CPX satisfies a requirement.

f. A "no notice" DEPEX or one held in conjunction with annual training must be conducted annually for early-deploying (M to M+30) RC companies. As a minimum, RC units must conduct alert assembly and load out to satisfy the DEPEX requirement. A MOBEX must be conducted biennially and can be satisfied by participation in a DA-directed mobilization station (MS) CPX, MS FTX, 200K Limited Notice Exercise, or for the ARNG, participation in a JCS-sponsored mobilization CPX.

g. The external evaluation may satisfy the requirement for an FTX, thereby saving OPTEMPO mileage. Completion of CTC (NTC/JRTC) training satisfies the requirement for RC units.

h. Completion of the standards in the ARTEP is the critical gate for an external evaluation.

i. Ammunition and pyrotechnic requirements are identified in the gunnery (weapons) strategies in Appendix C.

GLOSSARY

AA antiarmor

AC active component

alt alternate

ammo ammunition

ann annual

APFT Army Physical Fitness Test

ARNG Army National Guard

ARTEP Army Training and Evaluation Program

arty artillery

asst assistant

AT-4 field handling trainer (FHT) replicates the weight, size, and feel of the AT-4. The device maybe an expended launch tube.

AT-4 MILES/LAW MILES a MILES-compatible device for tactical engagement simulation exercises. AT-4 is a directed acquisition program. Device envisions installation of LAW/Viper transmitter and ATWESS unit mounted in expended or simulated AT4 tube.

AT-4 tracer trainer a 9-millimeter subcaliber trainer used for sustainment and qualification training. This is a directed acquisition item.

ATWESS antitank weapon effects signature simulator

auto automatic

BBS brigade battle simulation

BCTP battle command training program

BFA blank firing adaptor

BLTM battalion-level training model

brigade battle simulation (BBS) trains maneuver brigade and battalion commanders and staffs in command and control skills using two-sided, real-play, computer-driven battle exercises

brst burst

CA combat arms

cal caliber

CATS combined arms training strategy

CBS corps battle simulation

cbt combat

cell/staff section training training conducted by all or part of a principal or special staff section or cell on MTP wartime tasks. The cell consists of elements from two or more principal or special staffs.

CFX command field exercise

cgo cargo

CMF career management field

co company

combat service support control system (CSSCS) a system with embedded training that allows the unit commander to conduct sustainment training. CSSCS allows CSS commanders and their staffs to quickly access asset visibility and operational readiness data by interfacing with other standard Army management information systems.

combat service support training simulation system (CSSTSS) a nontransportable, computer-generated logistic simulation that will simulate logistics operations in support of echelons of battle operations from EAC down to DISCOMs. The system consists of computer mainframes, terminals, and input/output devices. It can interface with other simulations through local-area and long-haul networking.

combined arms training strategy (CATS) the Army's training strategy that captures Army training event frequency, location, and supporting resources. The strategy describes the mix of training in the institution and unit, both now and in the future. It also prescribes the mix of training resources the Army requires to conduct present and future training.

COMMZ communications zone

CPX command post exercise

crs course

CS combat support

CSS combat service support

CT common task

CTC combat training center

CTG command training guidance

CTT common task test

CTX combined training exercise

CUCV commercial utility cargo vehicle
cust customer
DA Department of the Army
DC District of Columbia
DEPEX deployment exercise
DISCOM division support command
DODIC Department of Defense identification code
EAC echelons above corps
equip equipment
EXEVAL external evaluation
FARE forward area refueling equipment
FHT field handling trainer
flt floating
FM field manual
forward area refueling equipment (FARE) interactive videodisc provides the 77F10, petroleum supply specialist, sustainment training in the proper setup, operation, and maintenance of the FARE components.
FTX field training exercise
FY fiscal year
gnr gunner
GPH gallons per hour
gren grenade
grn green
grnd ground
HC hydrochloric
HE high explosive
HHC headquarters and headquarters company
HHD headquarters and headquarters detachment
HQ headquarters
IAW in accordance with
illum illumination
instr instructional
JCS joint chiefs of staff
jet fuel thermal oxidation test (JFTOT) interactive videodisc provides the 77L10, petroleum laboratory specialist, sustainment training in the performance and mastering of the sequence in operating the equipment and successfully completing the JFTOT
JRTC joint readiness training center
JTX joint training exercise
k thousand
LASER light amplification by stimulated emission of radiation
LAW light antitank weapon
lb pound
LCX logistical coordination exercise
liq liquid
location of miss and hit (LOMAH) provides real-time visual and hard copy feedback on target hits and misses, thus eliminating down-range target inspection
lt light
LTA local training area
M mobilization day
MACOM major Army command
MACS multipurpose arcade combat simulator
maint maintenance
MAPEX map exercise
METL mission essential task list
METT-T mission, enemy, terrain, troops, and time available
MG machine gun
MILES multiple integrated LASER engagement system
MILES claymore replicates M18A1 claymore mine effects in tactical engagement simulation exercises
MILES grenade replicates generic hand grenade effects in a tactical engagement simulation exercise
mm millimeter
MOBEX mobilization exercise
MOPP mission-oriented protection posture
mortuary affairs specialist interactive videodisc provides the 57F10, mortuary affairs specialist, sustainment training in search and recovery operations
MOS military occupational specialty
MPMG multipurpose machine gun
MPRC multipurpose range complex

MS mobilization station

MTA major training area

mtd mounted

MTOE modification table of organization and equipment

MTP mission training plan

multiple integrated LASER engagement system (MILES) a force-on-force training device that provides real-time means of objectively assessing enemy and friendly casualties

multipurpose arcade combat simulator (MACS) a marksmanship training device that employs a Commodore 64 or IBM-compatible computer, a demilled M16A2, a light pen, and a video screen for sustainment marksmanship training

NBC nuclear, biological, chemical

NGB National Guard Bureau

no number

NTC national training center

op operations

OPFOR opposing forces

OPTEMPO operating tempo

plt platoon

PMI preliminary marksmanship instruction

PMT preparatory marksmanship training

prcht parachute

prelim preliminary

proj projectile

PT physical training

QM quartermaster

qual qualification

RC reserve component

ROWPU reverse-osmosis water purification unit

rqmt requirement

SARSS standard Army retail supply system

SAW squad automatic weapon

SDT self-development test

sec section

sep separate

sig signal

sim simulator

SMCT soldier's manual of common tasks

smk smoke

SPAL simulator, projectile, air burst, liquid

Spt support

staff exercise (STAFFEX) a training exercise in which the principal and special staffs organize for war (CPs and cells) and train MTP wartime missions

standard Army retail supply system (SARSS) 1-interim/objective a system with a tutorial that provides sustainment training for the 76P10, materiel control and accounting specialist, and the 76V10, materiel storage and handling specialist. Soldiers can perform SARSS 1 functions without affecting the supply support activity files used for daily operations. *NOTE: During FY93, MOSS 76P10 and 76V10 will be merged into a single M0S (92A).*

stf staff

STP soldier training publication

STX situational training exercise

T&EO training and evaluation outline

tactical operations center exercise (TOCEX) an exercise in which the command group and staff practice setting up and establishing the command posts

tactical water distribution system (TWDS) interactive videodisc provides the 77F10, petroleum supply specialist, and the 77W10, water treatment specialist, sustainment training in the safe and proper operation and maintenance of the TWDS and its components

TADSS training aids, devices, simulators, and simulations

TC training circular

TEWT tactical exercise without troops

tng training

TOCEX tactical operations center exercise

TOE table(s) of organization and equipment

TP target practice

trac tractor

TRADOC United States Army Training and Doctrine Command

training strategy a general description of the methods and resources required to implement a training concept (that is, who, what, where, when, why, and at what cost)

TRC training readiness condition

trk truck

unit level logistics system (ULLS) a system with a tutorial that provides the 76C10, equipment records and parts specialist, and the 76Y10, unit supply specialist, sustainment training. Soldiers can perform ULLS functions without affecting the unit tiles used for daily operations. *NOTE: During FY 93, MOS 76C will merge into MOS 92A. MOS 76Y will become MOS 92Y.*

unit strategy a descriptive strategy to train soldiers individually and collectively to increase their capacity to perform specific military functions and tasks. The unit strategy covers all TOES. It consists of a maneuver/collective strategy, a gunnery (weapons) strategy, and a soldier strategy.

US United States

USAR United States Army Reserve

util utility

VA Virginia

veh vehicle

viol violet

weaponeer a mobile, automated, reduced-scale individual marksmanship trainer contained in a modified cargo van

wh white

whis whistling

yel yellow

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