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**Concept for a Common Performance
Measurement System for Unit
Training at the National
Training Center (NTC)
and With Simulation
Networking
(SIMNET)
Platoon-Defend**

James W. Kerins and Nancy K. Atwood

BDM International, Inc.

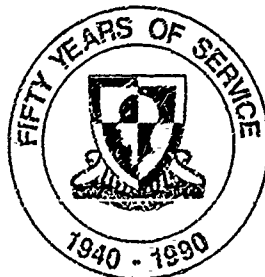
Field Unit at Fort Knox, Kentucky

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Training Research Laboratory

Jack H. Hiller, Director

September 1990



**United States Army
Research Institute for the Behavioral and Social Sciences**

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This report presents a concept for the design of a common performance measurement system for unit training at the National Training Center (NTC) and with Simulation Networking (SIMNET). The report uses Platoon-Defend as the vehicle for presenting this measurement concept. The concept has been extended to a total of six Platoon and Company missions. <i>Keywords.</i>					
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INTRODUCTION

MISSION: Defend
ECHELON: Platoon

The Critical Task Measurement System for the Platoon recognizes the fact that platoons operate within the context of a higher (company and battalion) mission.

The tactical nature of a battalion task force means that it retains a level of tactical independence not found at either the company or platoon, its primary subordinate elements. It is extremely difficult to derive a tactical assessment of a subordinate unit (company, platoon) in the absence of its higher headquarters. As an example, one platoon participating in a task force defensive mission may have done a splendid job of planning and preparation, but because of its location on the battlefield (perhaps the flank of the forward company), it is overrun during a regimental attack. Another platoon, positioned elsewhere, may have done a truly less than dismal job in all phases, but survives intact because it was bypassed.

However, regardless of the role played by the platoon in the overall effort, it is still possible to develop constructive feedback through the application of critical tasks. Each platoon is required to plan, prepare, and execute an independent mission that is tied to the overall scheme of maneuver for the parent company. A clear pattern of activity can be followed, despite varying levels of action experienced and without regard for circumstances beyond platoon control, such as the placement on the battlefield by the company.

Platoon critical tasks focus on that which is within the platoon's scope and capability. In this regard, Command and Control and maneuver functions are clearly within the capabilities of the platoon leadership as is NBC. The platoon is situationally dependent for access to engineer and fire support resources. Combat Service Support and Air Defense assets are limited to an immediate survival capability. Intelligence analysis is beyond the scope of the platoon, but its application is critical to mission success. This is the framework of platoon mission critical tasks.

The critical tasks are mission specific and condition generic. That is, the mission drives the application of the respective tasks, which must be completed without regard to surrounding conditions. For example, the task of Issue an Operations Order must be timely, complete, and address the mission, but is issued without regard to surrounding conditions such as terrain.

Tasks are performed in a logical sequence from the beginning of a mission to the end and are typically grouped and interrelated with other tasks. As a result, task conditions are tied to the flow of the mission and the clusters of tasks occurring in order during the planning, preparation, and execution phases.

INTRODUCTION

MISSION: Defend
ECHELON: Platoon

To facilitate task sequencing and linkages, the three major phases of the planning, preparation, and execution have been segmented into nine supplementary phases. The planning phase, for instance, has four segments: Conception (understanding the assigned mission); Analysis (identification of resources); Integration (fitting all variables into a coordinated package); and Order (presentation of the complete plan to subordinates).

Critical task measurement is structured to be platoon specific, follow the flow of the mission, and be outcome oriented. It is designed to determine not only the "how well", but "why" to ensure continued effective unit training.

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DEFEND - MISSION TASKS

9	Plan Reorganization	66	Rehearse Battle Drills and Plans
13	Plan for NBC Operations	67	Prepare for Limited Visibility Operations
14	Understand Commander's Intent	68	Rehearse Reactions to Enemy Air
18	Plan Redundant Communications	69	Disseminate Obstacle Plan
23	Disseminate Fire Support Plan	70	Reinforce Plans
25	Conduct Pre-Combat Checks	71	Record Plans
26	Prepare for NBC Operations	72	Establish Emergency Resupply
27	Establish Redundant Communications	73	Establish Contact with Adjacent Units
36	Execute Fire Support Plan	74	Supervise the Implementation of Plans and Orders
41	Respond to NBC Operations	75	React to Indirect Fire
42	Maintain Communications	76	Execute Battle Handover
43	Control Fires	77	Execute Direct Fire Plan
45	Conduct Leader's Reconnaissance	78	Maneuver Platoon Elements
46	Conduct Terrain Analysis	79	React to Enemy Air
47	Assign Sectors of Fire	80	Execute Obstacle Plan
48	Establish Disengagement Criteria	81	Conduct Emergency Evacuation
49	Develop Counterattack Plan	82	Control Movement of Adjacent Units
56	Plan Scheme of Maneuver	83	Maintain Contact with Adjacent Units
51	Dispatch Quartering Party	108	Maintain Contact with Adjacent Units
52	Verify Supporting Indirect Fires	114	Disseminate and Combat Information
53	Cover Obstacles with Observation and Fire	115	Disseminate Information
54	Plan Air Defense Measures	116	Assess the Situation
55	Develop Protective Obstacle Plan	123	Assess Status
56	Plan Evacuation Procedures	126	Formulate Order
57	Develop Tentative Plan	127	Conduct Mission Analysis
58	Coordinate Planning with Adjacent Units	128	Formulate Planning Process
59	Prepare Platoon Sector Sketch	129	Conduct Briefings
60	Plan Fire Control Measures	130	Refine Plan
61	Prioritize Work Effort	131	Issue FRAGO
62	Issue Operations Order	132	Comply with Commander's Intent
63	Position Weapon Systems	133	Reorganize Assets
64	Integrate Fire Plans	134	Acquire and Engage Targets
65	Prepare Fighting Positions	136	Conduct Evacuation Procedures

PLATOON DEFEND - COMMON TASKS

108+	114	115	116	123
108+	114	115	116	123

☐ Perform in SIMNET Device

☒ Perform in SIMNET Complex

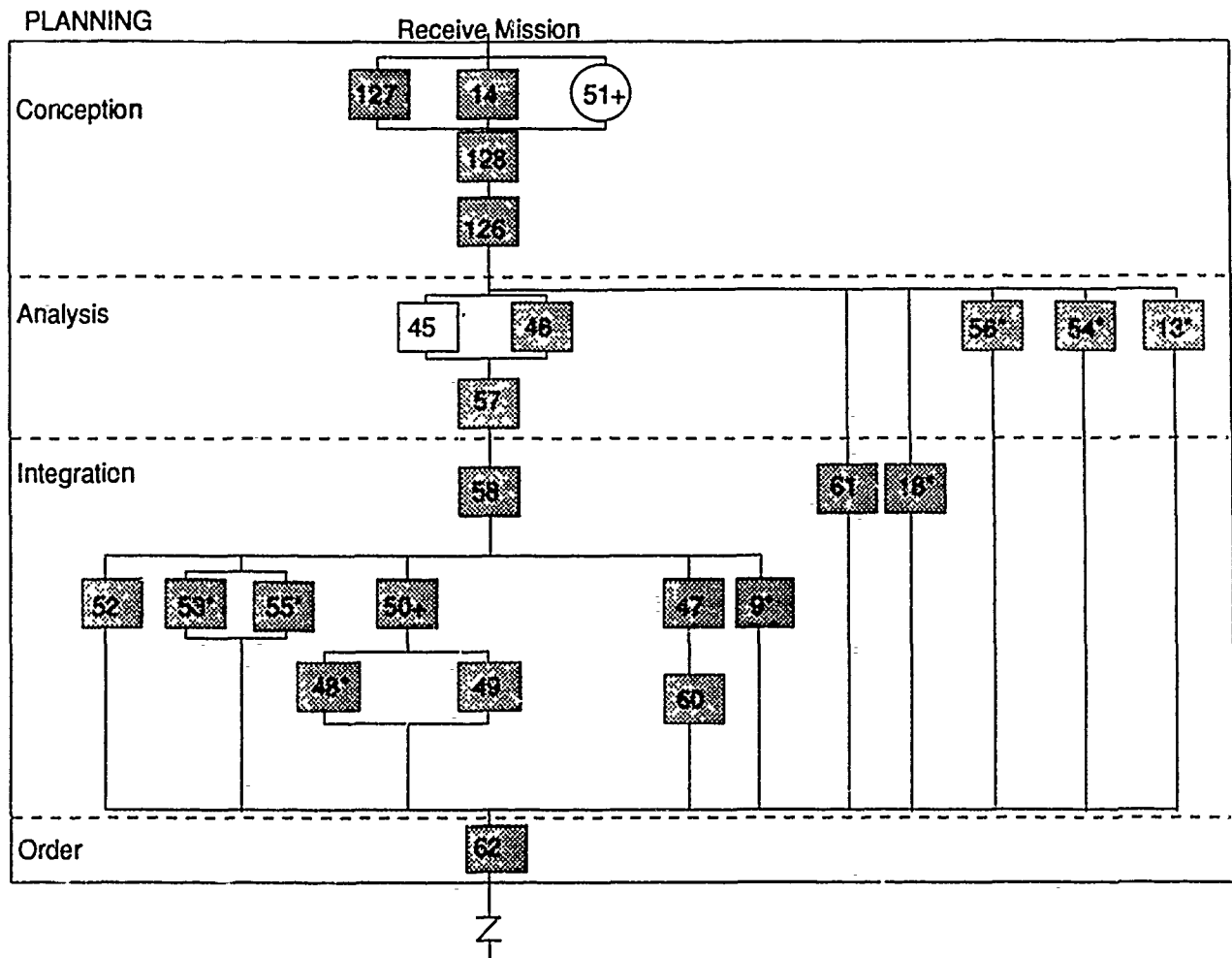
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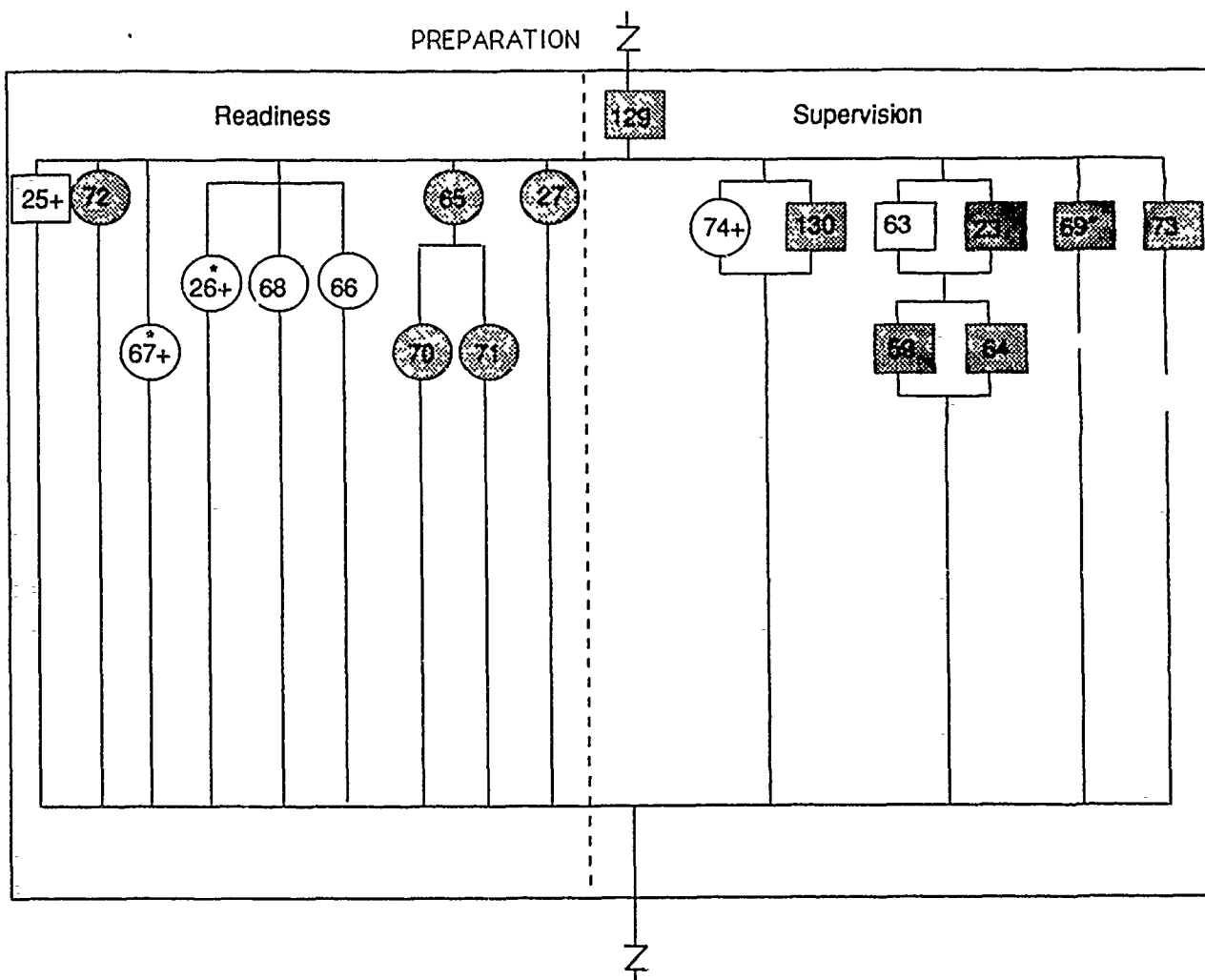
* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

PLATOON DEFEND - PLANNING TASKS



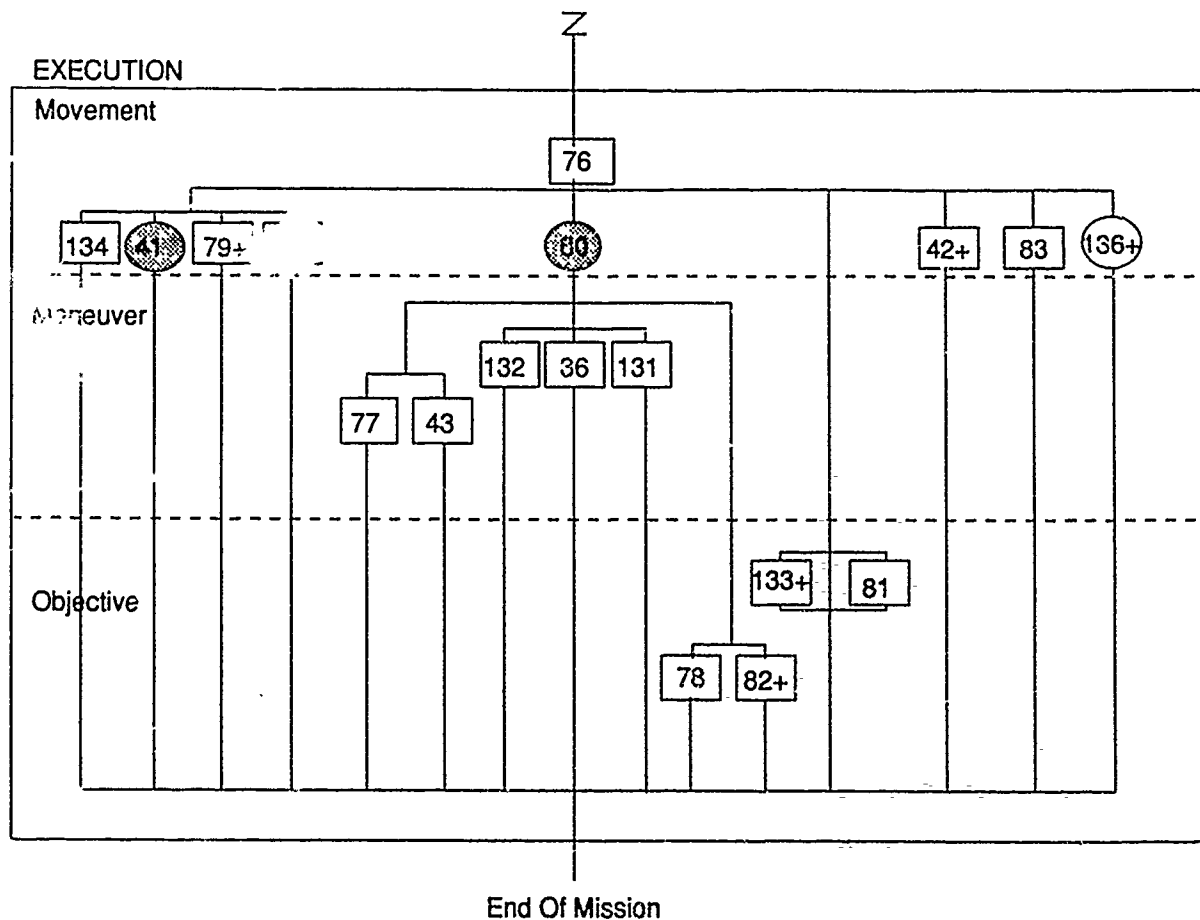
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☒ Perform in SIMNET Complex
☐ Supported in Complex with Modifications or Additions
☒ Not Supported
- + Partial
 * Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

PLATOON DEFEND - PREPARATION TASKS



-  Perform in SIMNET Device
  Perform in SIMNET Complex
  Supported in Complex with Modifications or Additions
  Not Supported
- + Partial
 * Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

PLATOON DEFEND - EXECUTION TASKS



□ Perform in SIMNET Device

■ Perform in SIMNET Complex

○ Supported in Complex with Modifications or Additions

● Not Supported

+ Partial
* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

SCENARIO

MISSION: Defend
ECHELON: Platoon

The Tank or Mechanized Infantry Platoon with appropriate normal attachments (Forward Observer and Medic) is located in a Task Force Assembly Area. The Platoon is operating as part of a Tank or Mechanized Infantry Company/Team. In the Warning Order given to the Platoon the mission has been identified as a Task Force Defense. A tentative platoon Battle Position has been identified as well as the sector. The time and place of the Company/Team Operations Order has been given.

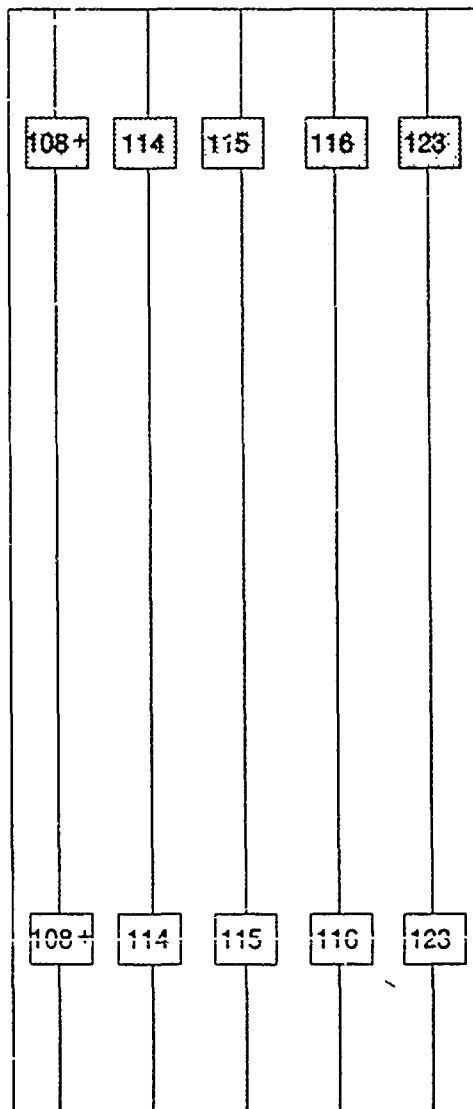
COMMON TASK PHASE SEQUENCING PLATOON DEFEND

CONDITIONS: Platoon is in the Task Force Assembly Area awaiting next mission.

Platoon is in their assigned sector conducting appropriate and continuous defensive operations.

Platoon participates in task force destruction of the attacking OPFOR regiment.

Platoon awaits orders for their follow-on mission.



MISSION TASKS

108 Maintain Operations Security

114 Disseminate Intelligence and Combat Information

115 Report Combat Information

116 Update Estimate of the Situation

123 Report On-Hand Status

☐ Perform in SIMNET Device ☒ Perform in SIMNET Complex

☐ Supported in Complex with Modifications or Additions ☒ Not Supported

+ Partial

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

**COMMON TASK SEGMENT OUTCOME
PLATOON DEFEND**

PURPOSE	OUTCOME
Maintain Operational Security	1. Enemy forces are unable to exploit any information acquired from platoon communication. 2. Enemy forces are unable to determine size or organization of platoon. 3. Enemy forces are unable to determine disposition of platoon elements.
Report On-Hand Status	Company Headquarters is fully informed on the personnel, equipment, and supply status of the platoon.
Disseminate Intelligence and Combat Information	Subordinate elements are continually informed of current battlefield information.
Report Combat Information	1. Higher headquarters is continuously informed of enemy information developed by the platoon. 2. Higher headquarters is continuously informed of the platoon tactical situation.
Update Estimate of Situation	1. A primary and alternate course of action is planned for each phase of the operation. 2. Planned courses of action are revised continuously to reflect the changing tactical situation.

MISSION: Defend
ECHOLON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 108

TASK	STANDARD	PERFORMANCE STANDARD
108 Maintain Operations Security FM 7-7, App. O FC 17-15, Chap. 2 FM 7-7J, App. O A) Maintain Signal Security.	The security and integrity of the area of operation is preserved.	All transmissions are conducted in the following manner: 1) Uses proper radio/telephone procedures. 2) Uses proper encoding procedures and authentication tables. 3) Transmits only when necessary.

MISSION: Defend
EC/IELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 108

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
		Platoon radio transmissions conform to the following general rules: • Think the message through and know exactly what needs to be said before keying the transmitter • Keep transmissions short • Use call signs only as necessary • Don't confuse the radio with the vehicle intercom system • Operate radios on low power as much as possible. Radio communications are used only when absolutely necessary. Correct "prowords" are used in all radio transmissions. Proper brevity codes and operations codes are utilized when passing information to other platoons or the Company/Team Commander. The platoon uses its radios: • Only when absolutely necessary • Keeps transmissions short • Uses low power initially.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Continuous
 SEGMENT: Common
 TASK NO.: 108 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
108 Maintain Operations Security FM 7-7, App. O FC 17-15, Chap. 2 FM 7-7J, App. O B) Maintain Information Security. C) Conduct Counterintelligence Measures.	The security and integrity of the area of operation is preserved.	The following are accomplished: 1) Vehicle markings are covered. 2) All occupied areas are policed. The following are appropriately maintained: 1) Camouflage. 2) Concealment. 3) Position security. 4) Noise and light discipline.

MISSION: Defend
ECHELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 108 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications.		
Not supportable in the SIMNET environment without major software modifications.	Platoon weapon systems are positioned to protect the weapon from enemy observation. Platoon and squad positions are selected and established keeping in mind the following points that attract attention: • Movement • Shadows • Obvious positions • Shine or reflected light • Shape • Color • Concentration.	
Not supportable in the SIMNET environment without major software modifications.	Vehicle mounted weapon system positions are selected with either: • Turret-down positions • Hull-down positions • Hide positions.	

MISSION: Defend
ECHELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 108 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
108 Maintain Operations Security FM 7-7, App. O FC 17-15, Chap. 2 FM 7-7J, App. O D) Maintain Physical Security.	The security and integrity of the area of operation is preserved.	The following are maintained: 1) Correct alert status. 2) OPs/LPs.

MISSION: Defend
ECHOLON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 108 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications.	The platoon leader established a rotating schedule for vehicle mounted weapon systems to observe the platoon's front. This schedule takes into account the: • Power drain on the vehicle's electrical system • Time it takes to power up/cool down sights • Number of vehicles it takes to cover the platoon's front.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Continuous
 SEGMENT: Common
 TASK NO.: 114

TASK	STANDARD	PERFORMANCE STANDARD
114 Disseminate Intelligence and Combat Information FM 17-15, Chap. 2 FM 7-7J, Chap. 3 FM 7-7, Chap. 3	Enemy and friendly information is appropriately disseminated.	1) All combat information is disseminated to appropriate elements: • Friendly information. • Enemy information. 2) The following events are continuously reported: • Appropriate combat information is disseminated to affected elements. • Intelligence is disseminated to all elements.

MISSION: Defend
ECHOLON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 114

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Orders, instructions, guidance, and situation information is disseminated by the platoon chain of command. The platoon leader and platoon sergeant continually check to ensure information is passed out and that everyone is kept informed. Sightings, spot reports, and situation information is disseminated by the platoon chain of command. The platoon leader and platoon sergeant continually check to ensure information is passed out and that everyone is kept informed.	Reports are accurate, timely, and complete. Contact or sighting reports are passed to the unit leader rapidly. Orders, instructions, and information is disseminated and received by all elements of the unit. The Company/Team Commander is kept informed of the platoon's actions and status. Reports are accurate, timely, and complete. Orders, instructions, and information is disseminated by all elements of the unit.

MISSION: Defend
ECHOLON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 115

TASK	STANDARD	PERFORMANCE STANDARD
115 Report Combat Information FC 17-15, Chap. 2 FM 7-7J, Chap. 3 FM 7-7, Chap. 3	Information is correctly reported in a timely manner.	1) All reports follow established standard format. 2) Reports always accomplish the following: • Reports are always made immediately following the event. • Information contained in reports is always accurate.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Continuous
 SEGMENT: Common
 TASK NO.: 115

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
		Report formats identified in the unit's SOP or order are followed. Reports are accurate, timely, and complete. Contact reports, sightings, and spot reports are passed to the unit leader rapidly. Reports are accurate, timely, and complete. The Company/Team Commander is kept informed of the platoon's actions and status.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Continuous
 SEGMENT: Common
 TASK NO.: 116

TASK	STANDARD	PERFORMANCE STANDARD
116 Update Estimate of the Situation FC 17-15, Chap. 2 FM 7-7J, Chap. 3 FM 7-7, Chap. 3	Plans and operations are developed and modified based upon a correct evaluation of the situation.	1) A minimum of two friendly courses of action are developed. 2) The following actions are accomplished: The correct enemy probable course of action is determined. Each friendly course of action is wargamed against probable enemy courses of action.

MISSION: Defend
ECHELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 116

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader develops courses of action that will: • Accomplish the mission • Be supported with available assets • Be consistent with the ethical standards of warfare. The platoon leader develops multiple courses of action in order to anticipate or meet various contingencies. The platoon leader, based on a complete METT-T analysis, identifies the most likely enemy course of action by: • Identifying the most likely enemy avenue of approach • Identifying the enemy's intentions • Identifying the most likely enemy reactions to the platoon's actions. The platoon leader compares each friendly course of action against all probable enemy courses of action to determine: • The most likely enemy course of action • Feasible friendly courses of action.	

MISSION: Defend
ECHELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 116 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
116 Update Estimate of the Situation FC 17-15, Chap. 2 FM 7-7J, Chap. 3 FM 7-7, Chap. 3	Plans and operations are developed and modified based upon a correct evaluation of the situation.	3) The best course of action is selected.

MISSION: Defend
ECHELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 116 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader, based on a complete METT-analysis and wargaming of enemy vs. friendly courses of action, selects the course of action that: • Provides for accomplishing the mission • Is based on facts and valid assumptions • Provides for the use of existing resources • Provides for the necessary organization • Provides for personnel, material, and other arrangements for the full period of the operation • Delegates authority to the maximum extent consistent with the necessary control • Is simple • Is flexible • Provides for control • Is coordinated.	

MISSION: Defend
ECHELON: Platoon
PHASE: Continuous
SEGMENT: Common
TASK NO.: 123

TASK	STANDARD	PERFORMANCE STANDARD
123 Report On-Hand Status FC 17-15, App. A FM 7-7J, Chap. 8 FM 7-7, Chap. 8	On-hand quantities are reported in accordance with Task Force SOP.	All reports accomplish the following: 1) Are timely. 2) Accurately indicate status of personnel. 3) Accurately indicate status of critical classes of supply.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Continuous
 SEGMENT: Common
 TASK NO.: 123

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Reports are submitted either prior to the time required or at the prescribed time. Personnel status reports from the platoon accurately reflect the platoon's actual on-hand, present for duty strength. Logistics and maintenance status reports from the platoon accurately reflect the platoon's actual logistic (supply) and maintenance status.	Reports are accurate, timely, and complete. Personnel status reports identified in the unit's SOP or order are followed. The Company/Team Commander is kept informed of the platoon's actions and status. Logistic and maintenance reports identified in the unit's SOP or order are followed. The Company/Team Commander is kept informed of the platoon's actions and status.

PLANNING PHASE OUTCOME PLATOON DEFEND		
SEGMENT	PURPOSE	OUTCOME
CONCEPTION	Take the initial planning steps to focus the rest of the planning process and activities.	1. Platoon Leader understands the specified and implied tasks of the mission. 2. Platoon Leader understands higher commander's intent.
ANALYSIS	Conduct detailed planning with which to structure the final plan.	1. Quartermaster Party in place. 2. Security elements in place. 3. Platoon Leader has a clear picture of the Key Terrain and Enemy Avenues of Approach. 4. Reconnaissance requirements have been identified and initiated. 5. Any special requirements have been identified and initiated.
INTEGRATION	Coordinate all planning activities and resources to produce the final defensive plan.	1. Weapon systems are correctly positioned and are properly oriented. 2. The Scheme of Maneuver, Fire Support Plan, Fire Control Measures, Obstacle Plan, and the IPB product all correspond. 3. Platoon activities have been coordinated with adjacent elements.
ORDER	Present the final defensive plan in a logical, comprehensive, and easily understood manner.	The plan is fully understood by all subordinates.

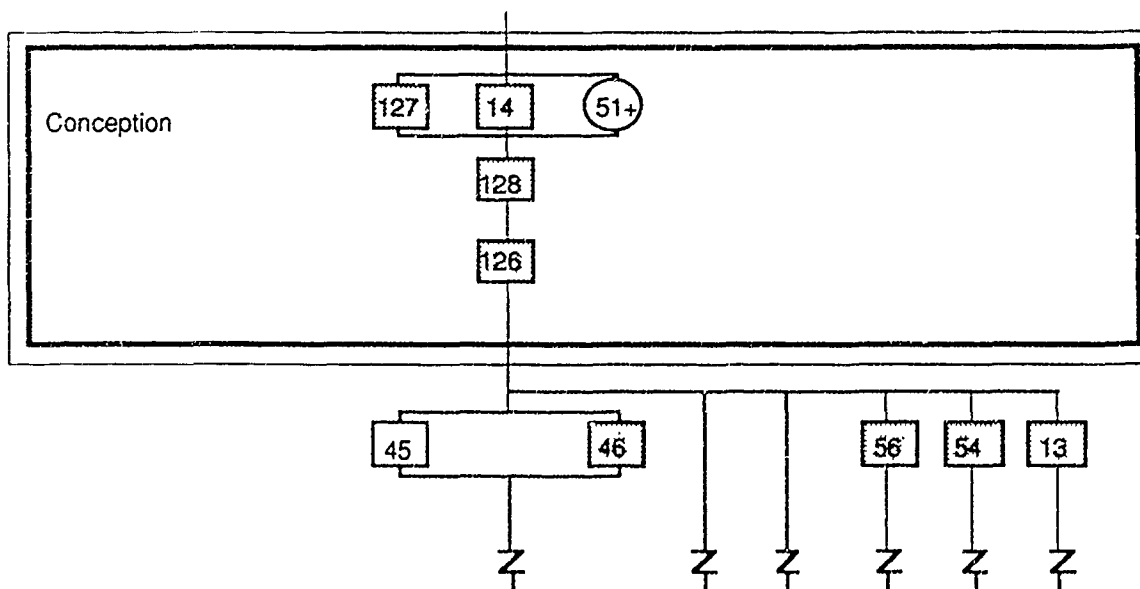
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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception

CONDITION: The platoon moves with the Company/Team to the designated defensive area.

The Platoon Leader develops his scheme of maneuver based on the information in the Warning Order and any additional guidance he has received from his chain of command. He does this by focusing on enemy forces, friendly troops and resources, the terrain in his sector, and the time available.



TASK LIST: 14 Understand Commander's Intent
 51 Dispatch Quartering Party
 126 Issue Warning Order
 127 Conduct Mission Analysis
 128 Initiate Planning Process

☐ Perform in SIMNET
 Device

☒ Perform in SIMNET
 Complex

Supported in Complex with
 Modifications or Additions

Not Supported

+ Partial

* Planning and preparation tasks can
 be performed within the SIMNET
 complex regardless of whether they
 can be executed in exercise

MISSION: Defend
ECHOLON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 14

TASK	STANDARD	PERFORMANCE STANDARD
14 Understand Commander's Intent FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-7J Chap. 3	The purpose of the mission is clearly understood by the platoon and squad leaders.	1) The platoon's fire and maneuver scheme supports the Company/Team Commander's concept. 2) The Company/Team Commander's intent is communicated in squad leader's instructions to subordinates.

MISSION: Defend
 EC 'EL ON: Platoon
 PHASE: Planning
 SEGMENT: Conception
 TASK NO.: 14

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The unit's plan (fire support and maneuver) is in consonance and complements the Company/Team Commander's concept of the operation. Orders, instructions, and information are disseminated and received by all elements of the unit. Orders and instructions are acknowledged and carried out.	The unit fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 51

TASK	STANDARD	PERFORMANCE STANDARD
51 Dispatch Quartering Party FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-71, Chap. 3	An informed and prepared representative accompanies the Company/Team Quartering Party.	1) The platoon representatives accompany the Company/Team's Quartering Party. 2) Quartering Party representatives fully understand platoon's mission. 3) Quartering Party representatives are fully prepared to assist in the platoon's occupation of the AA

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 51

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications.	Platoon representatives are identified and provided for the Company/Team Quartering Party. Platoon Quartering Party representatives understand or are aware of the following operational requirements: • Platoon's mission • Platoon's concept of operation • Company/Team's concept of operation • The tentative or proposed positioning of the unit's vehicles/weapon systems.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Conception
 TASK NO.: 51 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
51 Dispatch Quartering Party FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-7J, Chap. 3	An informed and prepared representative accompanies the Company/Team Quartering Party.	4) The platoon's representatives accomplish the following: • Actions follow established SOP. • Vehicle and crew-served weapon positions are appropriately marked. • Range card preparation is initiated.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 51 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications.		Quartering Party duties and procedures identified in the unit's SOP are followed. Each range card has the following information, as a minimum: • Symbol for the weapon covering the sector • Azimuth and distance of the firing position from an easily recognizable terrain feature • Boundaries of the area assigned to be covered by observation and fire • Engagement areas and the range, azimuth, and elevation from the firing position to them • Dead space • Direction • Identification data (unit designation, time/date of preparation, firing position (primary, alternate, or supplementary), magnetic north arrow).

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 126

TASK	STANDARD	PERFORMANCE STANDARD
126 Issue Warning Order FM 7-7J, Chap. 3 FM 7-7, Chap. 3 FC 17-15, Chap. 2	All subordinate elements are appropriately alerted of impending operations.	1) The order is issued upon leader's receipt of appropriate information. 2) All of the following are addressed in the order: • Mission • Friendly forces • Time of operations • Special instructions • Time/place of OPORD • Movement instructions.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 126

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon warning order is issued as soon as the platoon leader has sufficient information to explain the platoon's mission. The 1/3-2/3 time rule is followed. As a minimum the warning order contains the following five elements: • The mission • Who is participating in the operation • Time of the operation • Special instructions (to include movement instructions) • Time/place for issue of the complete order.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Conception
 TASK NO.: 127

TASK	STANDARD	PERFORMANCE STANDARD
127 Conduct Mission Analysis FM 7-7J, Chap. 3 FM 7-7, Chap. 3 FC 17-15, Chap. 2	Mission is analyzed in relation to the factors of METT-T.	1) All specified tasks are identified. 2) All implied tasks are identified. 3) The following are correctly accomplished: • Determine enemy situation • Determine available troops and resources • Conduct map reconnaissance • Determine available time.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 117

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The unit leader identifies, prioritizes, and articulates all of the unit's specified tasks. The unit leader identifies, prioritizes, and articulates all of the unit's implied tasks. The unit leader conducts a complete METT-T analysis of the mission: • Enemy forces, unit equipment, activities and actions that could affect the unit are determined • Friendly forces and equipment available are identified • The terrain in the battle area is examined to determine its effect on the operation • The amount of time available for planning and preparation is identified.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Conception
 TASK NO.: 128

TASK	STANDARD	PERFORMANCE STANDARD
128 Initiate Planning Process FM 7-7F, Chap. 3 FM 7-7, Chap. 3 FC 17-15 Chap. 2	Time is allocated and responsibilities fixed in regard to planning and preparation requirements.	1) The following actions are accomplished: - The reverse planning process is effectively used to allocate time. - Specific responsibilities are assigned. 2) Preliminary graphics are issued.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Conception
TASK NO.: 128

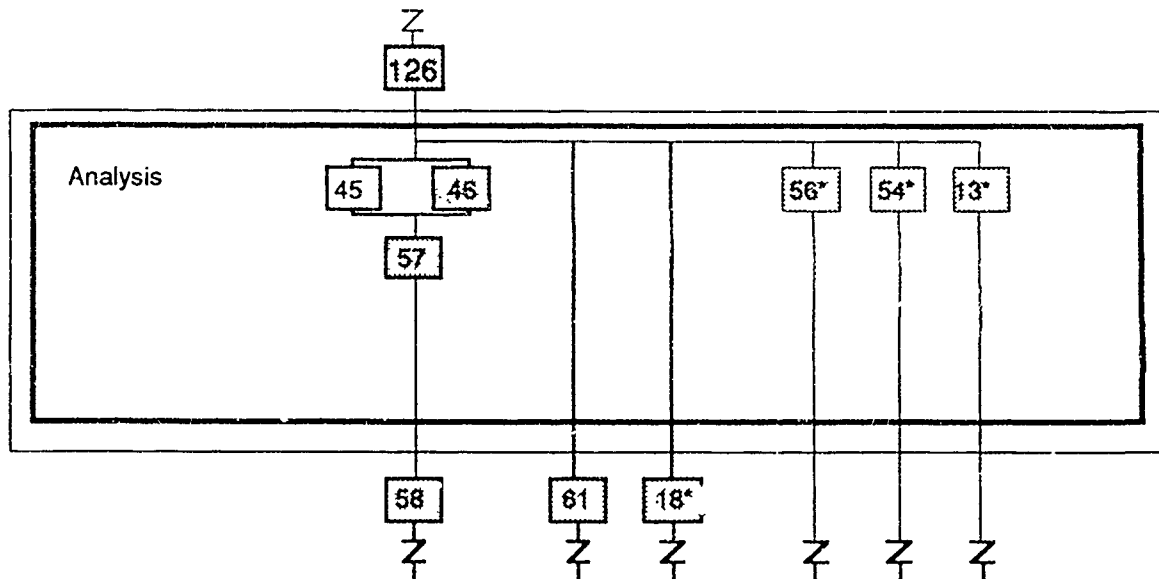
AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader uses no more than 1/3 of the available time; the remainder is used by the squads for preparation. The unit is told when to be ready and the critical items that must be done beforehand. The platoon leader backward plans from the time he wants the unit ready, allowing time for each task. The platoon leader delegates specific tasks, duties, and responsibilities to members of the platoon to ensure preparations are completed. Initial unit graphics are provided. As a minimum they show: • Primary, alternate, and supplementary positions • Subsequent positions • Displacement routes between positions.	Preparation responsibilities identified in the unit's SOP are followed.

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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis

CONDITION:



TASK LIST: 13 Plan for NBC Operations
 45 Conduct Leader's Reconnaissance
 46 Conduct Terrain Analysis
 54 Plan Air Defense Measures
 56 Plan Evacuation Procedures
 57 Develop Tentative Plan

☐ Perform in SIMNET Device

☒ Perform in SIMNET Complex

Supported in Complex with Modifications or Additions

Not Supported

+ Partial

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: 13

TASK	STANDARD	PERFORMANCE STANDARD
13 Plan for NBC Operations* FM 7-7, App. M FC 17-i5, App. D FM 7-7J, A1. *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Standardized procedures are adjusted based on platoon leader's analysis of the threat, commander's guidance, and platoon maneuver scheme.	1) Plan provides for appropriate deployment of chemical alarms. 2) The plan correctly designates automatic reaction procedures. 3) The platoon leader correctly designates MOPP level based on the Company/Team directives.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 13

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Chemical alarms are planned to be used within the sector or position within the following parameters: • Upwind of the nearest position to be protected • No more than 400 meters from the position (optimal 150 meters) • Detector units are no more than 300 meters apart • Planned location of alarm units is near radio telephone communications to facilitate alerting the unit. The required MOPP level identified in the Company/Team order is utilized in the platoon order.	NBC Reaction procedures identified in the unit's SOP or order are followed.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO. 13 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
13 Plan for NBC Operations* FM 7-7, App. M FC 17-15, App. D FM 7-7J, App. M	Standardized procedures are adjusted based on platoon leader's analysis of the threat, commander's guidance, and platoon maneuver scheme.	4) Decontamination priorities are established for platoon personnel and equipment. 5) Adequate procedures are established to protect unit equipment and supplies.

*Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: I3 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon order establishes a prioritized sequence for the decontamination of personnel, weapons, and equipment. The sequence must address as a minimum, the following items: • Immediate personnel requirements • Requirements for personnel weapons • Immediate requirements for vehicle and weapon systems decontamination. The platoon order establishes procedures which require as much equipment and supplies as possible to be covered.	Decontamination priorities identified in the unit's SOP or order are followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 45

TASK	STANDARD	PERFORMANCE STANDARD
45 Conduct Leader's Reconnaissance FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-7J, Chap. 3	All aspects of terrain and enemy that impact on mission accomplishment are identified.	1) All of the following are addressed during the reconnaissance: • Enemy avenues of approach • Friendly positions • Obstacle locations • Engineer support required • Routes to and from battle positions (BPs) • Identify physical control measures. 2) The reconnaissance is correctly conducted IAW the Company/ Team plan and/or orders.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: 45

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 46

TASK	STANDARD	PERFORMANCE STANDARD
46 Conduct Terrain Analysis FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-7J, Chap. 3 A) Use factors of OCOKA to study terrain.	All factors of OCOKA are considered in determining adequacy of platoon positions.	1) An effective analysis is conducted for each of the following: • Obstacles • Cover and concealment • Observation and fields of fire • Key terrain • Avenues of approach.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEG & ELT: Analysis
 TASK NO: 46

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Obstacles determine the choice of routes, positions, and targets. Obstacles are identified to: • Canalize the enemy into kill zones • Impede and restrict movement to the unit's flanks or other areas Cover and concealment determine the choice of routes, positions, and targets. Terrain is identified that: • Provides cover from enemy fires • Shields friendly elements from enemy observation Observation and fields of fire determine the decision of where the unit's vehicles, weapon systems, and personnel are placed: • Personnel must have observation • Weapons must have fields of fire covering avenues of approach • The enemy point of view concerning observation and fields of fire are considered Key terrain determines the choice of positions in the defense. Avenues of approach, both air and ground, determine the assignment of positions, sectors of fire, and targets.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 46 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
46 Conduct Terrain Analysis FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 17-7J, Chap. 3 B) Determine adequacy of platoon positions.	All factors of OCOKA are considered in determining adequacy of platoon positions.	1) Weapon system positions are confirmed based on the following factors: • The adequacy of firing positions • The adequacy of routes into and out of the position • Mutual support • Security and surveillance • Maneuver space.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 46 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Weapon systems are positioned to take advantage of the following items: • Positioned to cover proposed obstacles • Take advantage of the cover and concealment • Sited to provide observation and fields of fire on the critical avenues of approach • Are sited on or cover the approaches to the key terrain within the defensive position. Routes into and out of the weapon systems positions afford cover, concealment, and camouflage. Weapon systems positions are sited to facilitate the massing of fires on different avenues of approach into the defensive position. Firing positions are sited to provide interlocking fires, all round security, and observation of all approaches into the defensive position. Firing positions are sited and selected to ensure adequate space exists between positions and between a weapon systems primary and alternate positions(s).	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: 54

TASK	STANDARD	PERFORMANCE STANDARD
54 Plan Air Defense Measures* FM 7-7, App. F FC 17-15, Chap. 6 FM 7-21, App. F *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	The air threat is correctly identified and appropriate countermeasures are planned.	1) All air avenues of approach into the platoon sector have been identified. 2) The following passive air defense measures are planned and prepared: • Concealment. • Camouflage. • Dispersion.

MISSION: Defend
ECHOLON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: 54

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader identifies and considers air avenues of approach into the unit's sector or position during the planning process. The unit's defensive maneuver scheme makes maximum utilization of the concealment afforded by the terrain within the units sector or position. Specific items or conditions which must be addressed are: • Movement • Unique shapes • Reflecting surfaces • Contrasting colors • Heat sources. Unit vehicles, weapon systems, and positions are separated or dispersed within the defensive sector or position to the maximum extent possible in keeping with the unit's maneuver scheme.	Camouflage procedures identified in the unit's SOP or order are followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 54 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
54 Plan Air Defense Measures* FM 7-7, App. F FC 17-15, Chap. 6 FM 7-7J, App. F *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	The air threat is correctly identified and appropriate countermeasures are planned.	3) Air defense engagement techniques are correctly designated based on the enemy threat. 4) An early warning system is established within the platoon.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 54 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Primary engagement weapon is the 7.62mm coaxial machine gun or the track/tank commander's machine gun (secondary weapon of choice in a Bradley is the 25mm gun). The platoon has a procedure for rapidly alerting or warning all elements of all impending air attack.	Engagement techniques identified in the unit's SOP or order are followed Early warning procedures identified in the unit's SOP or order are followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 56

TASK	STANDARD	PERFORMANCE STANDARD
56 Plan Evacuation Procedures* 1, App 17-15, C: FM 7-7J, Apr A) Plan personnel evacuation. *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Evacuation plan is consistent with and supports the platoon's scheme of maneuver.	1) The following locations are designated or identified: • Medical evacuation routes. • Casualty collection points. 2) The platoon leader ensures the personnel evacuation plan supports the platoon's maneuver scheme.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO: 56

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Medical evacuation routes from primary, alternate, and supplementary positions are designated and identified. Medical evacuation routes use cover and concealment to the maximum extent possible. A platoon casualty collection point is designated and identified for the defensive position. The platoon's personnel evacuation plan does not interfere with nor inhibit the platoon's defensive plan. Medical evacuation routes do not interfere with or restrict displacement routes between primary, alternate, and supplementary positions. Casualty collection points are located away from primary, alternate, supplementary positions; displacement routes are located in a covered, concealed, and protected position.	

MISSION: Defend
ECHOLON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: 56 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
56 Plan Evacuation Procedures* FM 7-7, App. K FC 17-15, Chap. 7 FM 7-7J, App. K B) Plan equipment evacuation. *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Evacuation plan is consistent with and supports the platoon's scheme of maneuver.	1) The following locations are designated or identified: • Equipment evacuation routes. • Equipment collection points. 2) The platoon leader ensures the equipment evacuation plan supports the platoon's maneuver scheme.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 56 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Equipment evacuation routes from primary, alternate, and supplementary positions are designated and identified. Equipment evacuation routes use cover and concealment to the maximum extent possible. A platoon equipment collection point is designated and identified for the defensive position. The platoon's equipment evacuation plan does not interfere with nor inhibit the platoon's defensive plan. Equipment evacuation routes do not interfere with or restrict displacement routes between primary, alternate, and supplementary positions. Equipment collection points are located away from primary, alternate, and supplementary positions, and displacement routes, and are located in a covered, concealed, and protected position.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 57

TASK	STANDARD	PERFORMANCE STANDARD
57 Develop Tentative Plan FM 707, Chap. 3 FC 5, Chap. 2 FM 7-7J, Chap. 3	A plan is formulated which provides the basis for further coordination, reconnaissance, organization, and movement.	1) Identifies and uses assets. 2) Identifies maneuver tasks.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 57

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader plans for the use of all available assets. As a minimum the following assets should be considered and planned for: • Tanks • Infantry • Antitank weapons • Engineers • ADA weapons • Mortars • Artillery • CEWI assets. All specified and implied maneuver tasks are identified and addressed in the platoon leader's tentative plan. As a minimum the plan should address the following: • Movement to the defensive position • Occupation of the position • Routes between primary, alternate, and supplementary positions • Trigger points or lines • Counterattack options • Withdrawal routes to subsequent positions.	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Analysis
TASK NO.: 51 (Continued)

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Analysis
 TASK NO.: 57 (Continued)

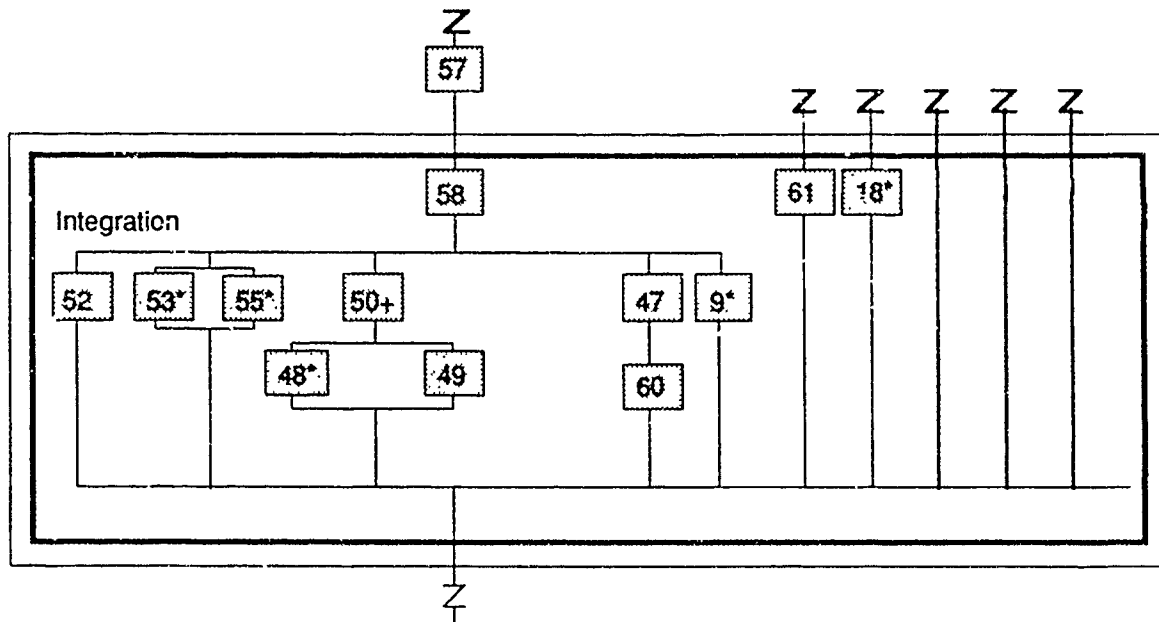
AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The tentative plan designates or identifies specific positions/sectors for the elements of the platoon. As a minimum the following should be addressed: • Primary/alternate positions and sectors • Supplementary positions and sectors of responsibility • Principal direction of fire from each position • Routes to the various positions. The tentative plan addresses the control measures required to fight the battle. As a minimum the following should be addressed: • Platoon boundaries • Primary, alternate, and supplementary positions • Routes between positions • Target reference points (TRPs) • Engagement areas (EAs) • Final protective fire(s) • Trigger points or lines • Subsequent positions. The tentative plan addresses responsibilities for task accomplishment to specific individuals or subelements of the platoon. As a minimum a task assignment should identify: • What the task is • Who will do the task • When the task must be finished by • Status and completion report requirements.	

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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration

CONDITION: The Platoon Leader receives the Company/Team Operations Order which includes the following information: the specific Engagement Area and Battle Positions and the "be prepared by" time. Using this information and any additional guidance from his chain of command, the Platoon Leader develops a specific plan designed to successfully accomplish his assigned mission.



- TASK LIST:**
- 9 Plan Reorganization
 - 18 Plan Redundant Communications
 - 47 Assign Sectors of Fire
 - 48 Establish Disengagement Criteria
 - 49 Develop Counterattack Plan
 - 50 Plan Scheme of Maneuver
 - 52 Verify Supporting Indirect Fires
 - 53 Cover Obstacles with Observation and Fire
 - 55 Develop Protective Obstacle Plan
 - 58 Coordinate Planning with Adjacent Units
 - 60 Plan Fire Control Measures
 - 61 Prioritize Work Effort

☐ Perform in SIMNET Device

☒ Perform in SIMNET Complex

☐ Supported in Complex with Modifications or Additions

☒ Not Supported

+ Partial

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 9

TASK	STANDARD	PERFORMANCE STANDARD
9 Plan Reorganization* FM 7-7, Chap. 5 FC 17-15, Chap. 3 FM 7-7J, Ch. *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Procedures are planned and/or confirmed for reestablishing the capability to continue the fight.	Reorganization procedures and drills are designated and/or planned for the following: 1) Plan for redistribution of personnel. 2) Plan for the redistribution of equipment. 3) Designate evacuation procedures. 4) Plan for reestablishing the chain of command.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 9

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The plan identifies the key leaders and weapon system operators that have priority for immediate replacement should they become casualties. The plan identifies weapon systems critical to the success of the mission. The plan identifies personnel and equipment collection points and evacuation routes within the defensive position or sector. The chain of command is identified and articulated in the plan.	Priorities for personnel redistribution identified in the unit's SOP are followed. Priorities for the manning of critical weapon systems within the platoon identified in the unit's SOP are followed. Casualty treatment and evacuation procedures identified in the unit's SOP are followed. Equipment collection and evacuation procedures identified in the unit's SOP or order are followed. The chain of command and the chain of command progression identified in the unit's SOP are followed.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 18

TASK	STANDARD	PERFORMANCE STANDARD
18 Plan Redundant Communications* *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Adequate primary and alternate means of communication are planned for with higher, lower, and adjacent elements.	A primary and alternate means of communications is planned between the platoon leader and the following: 1) Squad Leader/Tank Commanders 2) Fire support assets. 3) Units on left and right. 4) Elements to the platoon's front. 5) Company/Team Commander. 6) Dismounted elements.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 18

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader identifies and designates primary and alternate means of communications to control his subelements and fight the battle. The platoon leader considers the capabilities and limitations of each type of communication and how they can supplement or augment each other. The platoon leader considers all communications means available: • Sound • Wire • Messenger • Visual • Radio.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 47

TASK	STANDARD	PERFORMANCE STANDARD
47 Assign Sectors of Fire FM 7-7, App. C FC 17-15, Chap. 2 FM 7-7J, App. C	The distribution and control of platoon direct fires are assigned in support of the Company/Team Commander's defensive concept.	1) Sectors of fire are assigned for mounted and dismounted positions. 2) Squad/anti-armor weapon systems are appropriately positioned. 3) All direct fire weapon systems are positioned to ensure complete coverage of the platoon's area of responsibility. 4) Sectors are assigned for all primary, alternate, and supplementary positions.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 47

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	All combat systems are assigned a sector of fire/sector responsibility. Planned positions for squad and anti-armor weapon systems are: • Positioned to cover the entire sector • Able to engage targets at the maximum effective range • Positioned to achieve flank shots • Mutually supporting • Positioned in depth. Planned positions for all the platoon's direct fire weapon systems are: • Positioned to cover the entire sector • Able to engage targets at the maximum effective range • Positioned to achieve flank shots • Mutually supporting • Positioned in depth. All subelements of the platoon are assigned sectors of responsibility/sectors of fire for their primary, alternate, and supplementary positions.	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 48

TASK	STANDARD	PERFORMANCE STANDARD
48 Establish Disengagement Criteria* FM 7-7, Chap. 6 FC 17-15, Chap. 4 FM 7-7J, Chap. 6 *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	The conditions and methods for breaking contact with the enemy are planned in detail.	1) The following are planned for each anticipated event. • Remount points. • Pre-arranged signals. • Method of disengagement. 2) Conditions for each anticipated disengagement are defined.

MISSION: D. and
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 48

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Remount points for dismounted infantry and carrier teams are identified for all elements of the platoon and all phases of the operation. The plan identifies the decision/trigger points/lines that will cause movement to the remount points. Decision/trigger points or lines for disengagement and remounting are identified for all positions and all subelements of the platoon. Primary and alternate means of communication are identified and specified to ensure elements receive the order to disengage. The plan identifies the disengagement techniques to be used during each phase of the operation. For dismounted elements either: • Simultaneous disengagement • Disengagement by rifle teams • Disengagement by thinning the lines. For fighting vehicles either: • Simultaneous disengagement • Disengagement by vehicle or pairs of vehicles. The plan identifies and specifies the decision/trigger points or lines for each anticipated or expected disengagement during the operation.	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 49

TASK	STANDARD	PERFORMANCE STANDARD
49 Develop Counterattack Plan FM 7-7, Chap. 6 FC 17-15, Chap. 4 FM 7-7J, Chap. 6	The plan is designed for rapid implementation in support of the Commander's concept of the operation.	1) The counterattack plan supports the Company/Team Commander's defensive concept. 2) The platoon's counterattack plan is sufficiently detailed to permit rapid execution.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 49

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon's counterattack plan supports and complements the Company/Team Commander's defensive concept by: • Describing the battle and the counterattack as the Company/Team Commander sees it developing • By describing and articulating the platoon's actions, missions, and objectives as a part of the larger action. The subelements of the platoon participating in the counterattack are identified. The routes to be used by the platoon during the counterattack are identified and specified. The decision/trigger point or line initiating the start of the counterattack is clearly and specifically identified. The objective of the counterattack is specified.	

MISSION: Defend
ECHOLON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 50

TASK	STANDARD	PERFORMANCE STANDARD
50 Plan Scheme of Maneuver FM 7-7, Chap. 6 FC 17-15, Chap. 4 FM 7-7J, Chap. 6	The plan facilitates platoon security, fire-power, and movement and supports the Company/Team Commander's intent.	1) All of the following are appropriately addressed in the plan: • Command and control functions. • Movement. • Cover and concealment. • Mutual support. • Fields of fire. • Dispersion. 2) Plan appropriately addresses the remounting of infantry elements. 3) Plan effectively supports the Company/Team Commander's intent.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 50

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications.	Engagement criteria, disengagement criteria, trigger points and lines are addressed in the plan. Primary/alternate communications means for initiating fires, lifting and shifting fires, and ceasing fires is addressed in the plan. Movement into and occupation of the position or sector, routes between positions, counterattack routes, and routes to subsequent battle positions are addressed in the plan. The plan addresses TRPs and engagement areas which facilitate target engagement and mutual support. Subelements of the platoon are assigned specific sectors/areas of responsibility in the plan. The chain of command is identified and articulated in the plan. Cover, concealment, and dispersion are addressed in the positioning, sector responsibilities, and security responsibilities of the subelements of the platoon. The platoon leader's concept of operation supports and complements the Company/Team Commander's intent by: • Describing the battle as the Company/Team Commander sees it developing • By articulating the platoon's portion of that larger battle.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 52

TASK	STANDARD	PERFORMANCE STANDARD
52 Verify Supporting Indirect Fires FM 7-7, Chap. 6 FC 17-15, Chap. 5 FM 7-7, Chap. 6	The Company/Team's target list is analyzed to ensure adequate indirect fires are planned to support the platoon's fire and maneuver schemes.	Based upon a copy of the updated Company/Team target list, the platoon leader ensures appropriate indirect fires are planned on the following: • Enemy avenues of approach into the platoon sector. • Suspected enemy locations. • Dead space within the platoon sector.

MISSION: Defend
ECHOLON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 52

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader, with his FO, checks the company target list to ensure fires are planned on: • All enemy avenues of approach • On known or suspected enemy locations in the platoon's sector • Dead spaces in the platoon's sector • In front, on top of, and to the rear of platoon positions on likely enemy avenues of approach to the position • Prominent terrain features from which fires may be adjusted.	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 53

TASK	STANDARD	PERFORMANCE STANDARD
53 Cover Obstacles with Observation and Fire* FM 7-7, Chap. 6 FC 17-15, Chap. 5 FM 7-7J, Chap. 6 *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise	All obstacles within the platoon's sector are covered with observation and fire.	1) Obstacles are continuously observed. 2) Obstacles are effectively covered by direct fire. 3) Obstacles are effectively covered by indirect fire.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 53

AUTOMATED MCP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader plans for and ensures that all obstacles/barriers in the platoon's sector are continuously observed. Locations of LPs, OPs, and patrols are identified to ensure continuous observation of obstacles. A schedule for use of mounted night vision or thermal sights is established to keep obstacles under observation during hours of limited visibility. Obstacles are planned within the effective range of the platoon's direct fire weapons. Obstacles are planned so that more than one of the platoon's direct fire weapons systems can cover the obstacle. Indirect fires are planned in front of and on top of all obstacles. Indirect fires are planned to cover all obstacles located in dead space and not covered by direct fires.	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 55

TASK	STANDARD	PERFORMANCE STANDARD
55 Develop Protective Obstacle Plan* FM 7-7, App. O FC 17-15, App. C FM 7-7J, App. O *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Locations for obstacle emplacement are identified and resource requirements for each are determined.	1) The platoon leader verifies that obstacles planned by higher support the platoon's defensive scheme. 2) A priority of obstacle emplacement is correctly established for the following: • Obstacles to be emplaced with organic assets. • Obstacles that require outside assistance.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 55

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader matches the obstacles directed from higher against his tentative defensive plan. He ensures: • All obstacles can be kept under continuous observation • The obstacles can be covered by direct fires • Indirect fires can cover the obstacles • The directed obstacles support the platoon's and the Company/Team's concept of operations. The platoon leader identifies and prioritizes the emplacement of obstacles put in by platoon elements including: • Hasty protective minefields • Tactical wire obstacles • Claymores • Trip flares • Field expedient tangle foot • Field expedient abatis and road blocks. The platoon leader prioritizes the employment of obstacles requiring outside assistance, giving obstacles directed from higher first priority.	If the directed obstacles do not support the platoon's concept of operation, the Company/Team Commander is contacted immediately.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 55 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
55 Develop Protective Obstacle Plan* FM 7-7, App. O FC 17-15, App. C FM 7-71, App. O *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise	Locations for obstacle emplacement are identified and resource requirements for each are determined.	3) Easy minefields are effectively located to maximize the protection of all platoon elements. 4) The platoon's obstacle plan accomplishes the following: • Integrated with scheme of maneuver. • Employed in depth. • Integrated with existing obstacles. • Employed for surprise.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 55 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader plans the use of hasty minefields to: • Supplement the platoon's weapons • Prevent surprise • Give early warning of an enemy advance. The platoon's obstacle plan complements the defensive scheme of maneuver in one or more of the following ways: • Slowing or disrupting the enemy's momentum • Channelizing the enemy into kill zones or engagement areas • Creating opportunities for flank shots or engagements • Deceiving the enemy as to the location of the platoons actual positions • Facilitating unit counterattacks Obstacles are planned to the front, flanks, rear, and within the platoon's defensive sector or position. The platoon's obstacle plan reinforces and complements natural obstacles and those directed by higher headquarters. The obstacles planned by the platoon are designed to surprise the enemy by either: • Disrupting his formations • Changing the direction and timing of his attack • Engaging the enemy with direct fires from an unexpected direction.	The platoon leader receives permission from the Company/Team Commander prior to installing hasty minefields.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 58

TASK	STANDARD	PERFORMANCE STANDARD
58 Coordinate Planning with Adjacent Units FM 7-7, Chap. 3 FC 17-15, Chap. 4 FM 7-7J, Chap. 3	Platoon leader ensures defensive planning coordination planning is conducted between squad/teams and with adjacent platoons.	1) The platoon leader ensures that subordinate squads/teams/tanks coordinate their tactical planning with one another. 2) The following actions are coordinated with adjacent units: • Fire control measures. • Movement of the platoon out of sector or position. • Fire plans • Communications. • Obstacles. • Security measures. • Cover gaps and dead space. • Positions are mutually supporting. • Flanks are tied in.

MISSION: Defend
ECHOLON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 58

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader checks each subelement to ensure that coordination between adjacent elements is initiated and completed. As a minimum the following should be checked: • Overlapping observation • Overlapping direct fires • Location of dead space between units and how it is to be covered • Location of LPs/OPs • Routes in and out of positions. The platoon leader coordinates with adjacent units to ensure sectors of fire overlap. As a minimum the following information is exchanged: • Routes in/out of the battle position • Routes back to subsequent battle positions • Indirect fire targets • Location of primary, alternate, and supplementary battle and firing positions • Location of flanks • Location of OPs and patrol routes • Dead space between units and how it is to be covered • CEOI information • Location and type of obstacles • Overlapping observation • Overlapping direct fire.	

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 60

TASK	STANDARD	PERFORMANCE STANDARD
60 Plan Fire Control Measures FM 7-7, Chap. 6 FC 17-15, Chap. 2 FM 7-71, Chap. 6	Indirect and direct fire control measures support the platoon and Company/Team's maneuver scheme.	1) Each of the following measures are correctly planned: • Direct fire TRPs. • Designated command or event. • Visual and/or audible signals. • Priority of fire.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 60

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Target reference points are planned on easily identifiable terrain features in order to: • Designate targets of opportunity • Shift fire • Assign sectors of fire. Decision points or trigger lines are specified and identified to control: • Firing • Shifting of fires • Movement to alternate or supplementary positions • Changes in engagement priorities. Visual and audible signals are planned for in order to: • Lift and shift fires • Initiate movement to alternate and supplementary positions • Initiate the remounting of dismounted infantry elements • Cease firing. The plan identifies a priority of fire to a: • Specific element of the platoon • A specific avenue of approach • A specific engagement area • To the coverage of a specific obstacle for a given phase of the operation. The priority of fire should be addressed each time the platoon: • Moves to its alternate or supplementary positions • Moves to a subsequent position • Moves into the counterattack.	Visual and audible signals identified in the unit's SOP are followed.

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Integration
TASK NO.: 60 (Continued)

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 60 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Engagement priorities are identified so that: • Fire can be rapidly distributed • Controlled • Critical targets can be engaged first. Modifications to engagement priorities are planned to account for changes in enemy positions. The platoon's plan identifies the fire distribution method to be used when multiple targets appear. As a minimum one of the following methods should be identified: • Frontal fire • Crossfire • Targets in depth. The fire distribution method should be readdressed when the platoon: • Moves to its alternate or supplementary position • Moves to a subsequent position • Moves into the counterattack.	Engagement priorities identified in the unit's SOP are followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO.: 61

TASK	STANDARD	PERFORMANCE STANDARD
61 Prioritize Work Effort FM 7-7, Chap. 3 FC 17-15, Chap. 4 FM 7-7J, Chap. 3	Task priorities are correctly established, based on available preparation time and resources allocated and/or requested.	1) The platoon leader correctly establishes task priorities based on the tactical situation and time available. 2) Platoon assets are allocated as necessary for task accomplishment. 3) Additional assets are requested from higher as required.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Integration
 TASK NO: 61

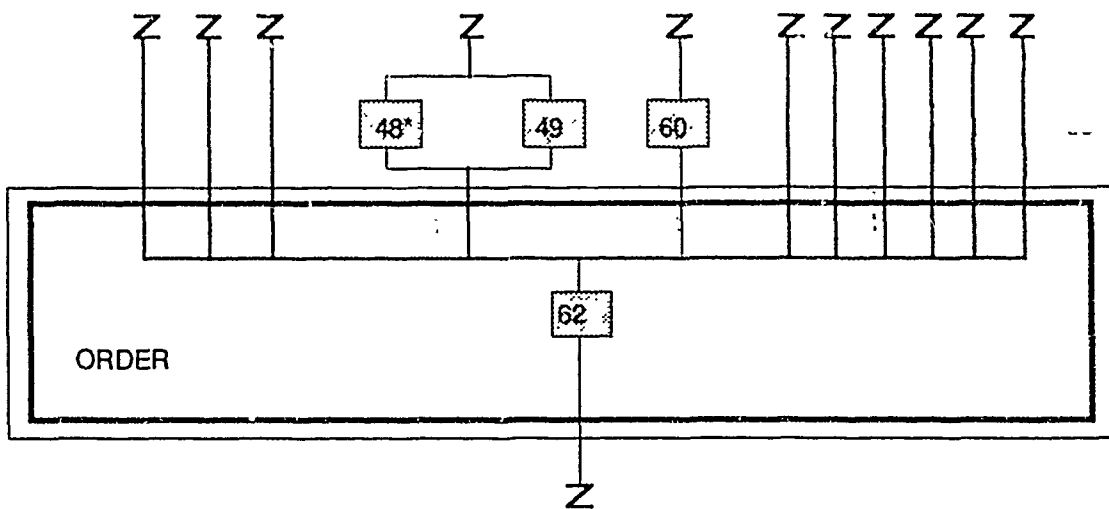
AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader identifies the order of priority for work or task accomplishment. As a minimum the following tasks and order or priority should be addressed: • Establish security • Position key weapons • Clear fields of fire and prepare range cards/sector sketches • Prepare primary fighting positions • Emplace hasty minefield/obstacle system • Establish local communications system • Emplace warning devices, night vision devices, and PEWs • Improve fighting positions • Prepare alternate and supplementary positions • Stockpile ammunition, water, and food and conduct maintenance. The platoon leader tasks specific elements of the platoon to accomplish specific tasks or missions. Tasks and missions requiring additional assets are identified and prioritized by the platoon leader. Additional assets and resources are requested from the Company/Team in order to accomplish all the platoon's tasks/missions.	The Company/Team Commander is kept informed of the platoon's status and actions.

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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Planning
SEGMENT: Order

CONDITION: The Platoon Leader issues his Operations Order.



TASK LIST: 62 Issue Operations Order

- | | | |
|--|---|--|
| ☐ Perform in SIMNET Device | ☒ Perform in SIMNET Complex | + Partial |
| ☐ Supported in Complex with Modifications or Additions | ☒ Not Supported | * Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise |

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Order
 TASK NO.: 62

TASK	STANDARD	PERFORMANCE STANDARD
62 Issue Operations Order FM 7-7, Chap. 3 FC 15-17, App. A FM 7-7J, Chap. 3	The operation order is orally and effectively presented in the five-paragraph field order format.	1) OPORD is issued in compliance with the 1/3-2/3 time management rule. 2) OPORD contains the essential information required to conduct the operation.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Order
 TASK NO.: 62

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader uses 1/3 or less of the time available for planning, coordination, and issuance of the order. The platoon leader issues the OFORD using the standard five-paragraph field order. As a minimum the following areas should be covered: • Situation • Mission • Execution • Service support • Command and signal. The situation paragraph should contain: • An overview of the general situation • Information on weather and terrain • Information on enemy forces, friendly forces, and attachments and detachments. The mission paragraph should contain: • A clear, concise statement of the tasks to be accomplished • Contains the WHO, WHAT, WHEN, WHY, and WHERE of the mission • Contains a task and a purpose. The execution paragraph contains the "HOW TO" information needed to accomplish the mission. It should contain: • The concept of operation • Mission of subordinate units • Coordinating instructions.	

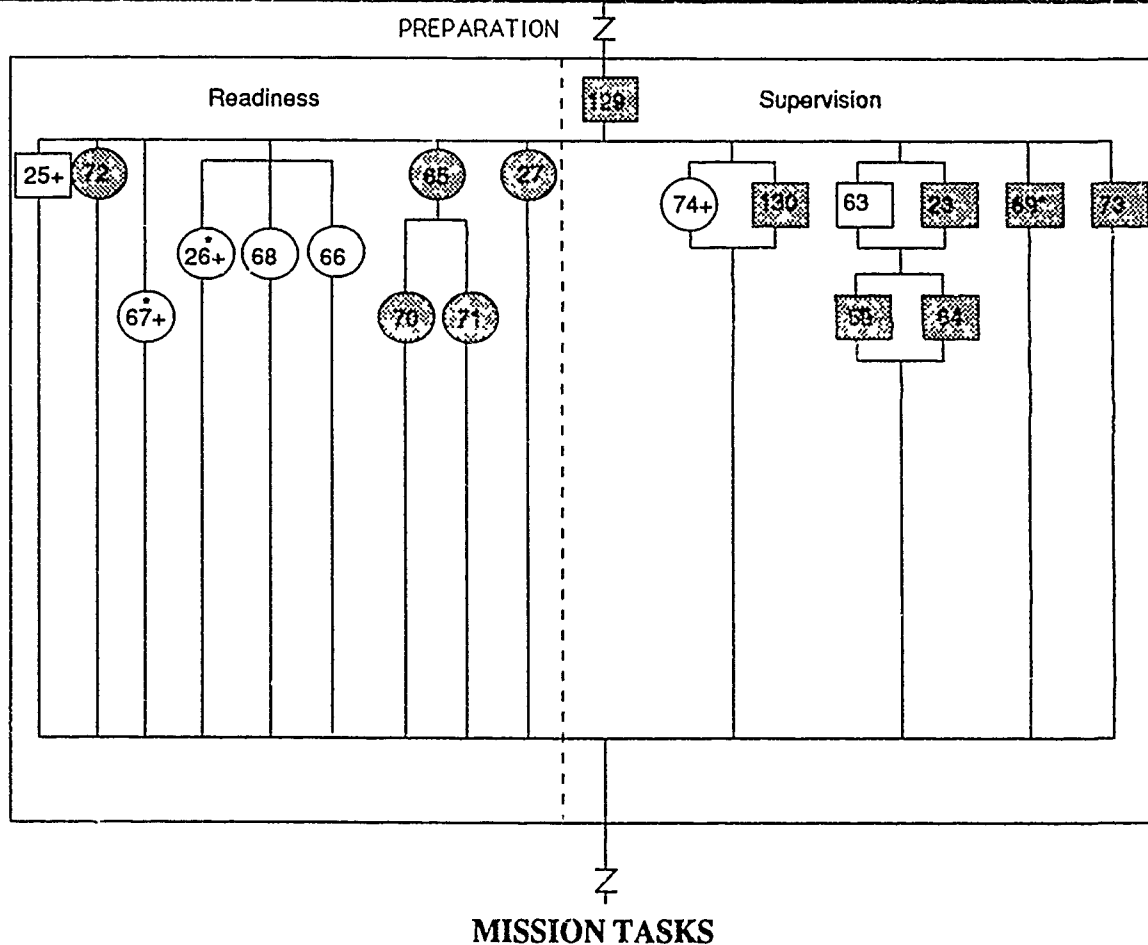
MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Order
 TASK NO.: 62 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
62 Issue Operations Order FM 7-7, Chap. 3 FC 15-17, App. A FM 7-7J, Chap. 3	The operation order is orally and effectively presented in the five-paragraph field order format.	2) OPORD contains the essential information required to conduct the operation. 3) OPORD conveys the Commander's intent.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Planning
 SEGMENT: Order
 TASK NO.: 62 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The service support paragraph covers administrative instructions and support provided for the operation. It should, as a minimum, contain information on: • Ammunition • POL • Rations • Spare parts • Water • Medical evacuation • Handling of prisoners. The command and signal paragraph is routinely broken down into two subparagraphs: command and signal. The "command" subparagraph covers: • Location of platoon leader/sergeant • Location of Company/Team CP • Succession of command • Location where the leader plans to be during the battle. The "signal" subparagraph covers: • Call signs and frequencies • Challenge and password • Pyrotechnic signals • Signal restrictions. The platoon leaders concept of the operation supports and complements the Company/Team Commander's intent by: • Describing the battle as the Company/Team Commander sees it developing • By articulating the platoon's portion of that larger battle.	

PREPARATION PHASE SEQUENCING PLATOON DEFEND



- | | |
|--|---|
| 23 Disseminate Fire Support Plan | 68 Rehearse Reactions to Enemy Air |
| 25 Conduct Pre-Combat Checks | 69 Disseminate Obstacle Plan |
| 26 Prepare for NBC Operations | 70 Reinforce Terrain |
| 27 Establish Redundant Communications | 71 Record Minefields |
| 59 Prepare Platoon Sector Sketch | 72 Establish Emergency Resupply |
| 63 Position Weapon Systems | 73 Establish Contact with Adjacent Units |
| 64 Integrate Fire Plans | 74 Supervise the Implementation of Plans and Orders |
| 65 Prepare Fighting Positions | 129 Conduct Briefbacks |
| 66 Rehearse Battle Drills and Plans | 130 Refine Plan |
| 67 Prepare for Limited Visibility Operations | |

□ Perform in SIMNET Device

■ Perform in SIMNET Complex

+ Partial

○ Supported in Complex with Modifications or Additions

● Not Supported

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

**PREPARATION PHASE OUTCOME
PLATOON DEFEND**

SEGMENT	PURPOSE	OUTCOME
SUPERVISION	Ensure integration of effort and effective utilization of available resources.	1. Resources are available and utilized for maximum effect. 2. Subordinate elements are integrated to ensure mutual support. 3. All subordinate elements understand their expected actions for each phase of the operation and are able to carry them out as planned. 4. Obstacles are protected.
READINESS	Increase the combat capabilities of personnel and equipment and ensure survivability of the Platoon.	1. Equipment, to include weapons systems, are serviced to ensure reliability. 2. Resources are allocated for immediate availability. 3. Movement and adjustments are rehearsed. 4. Personnel and equipment are dug-in. 5. Obstacles are emplaced.

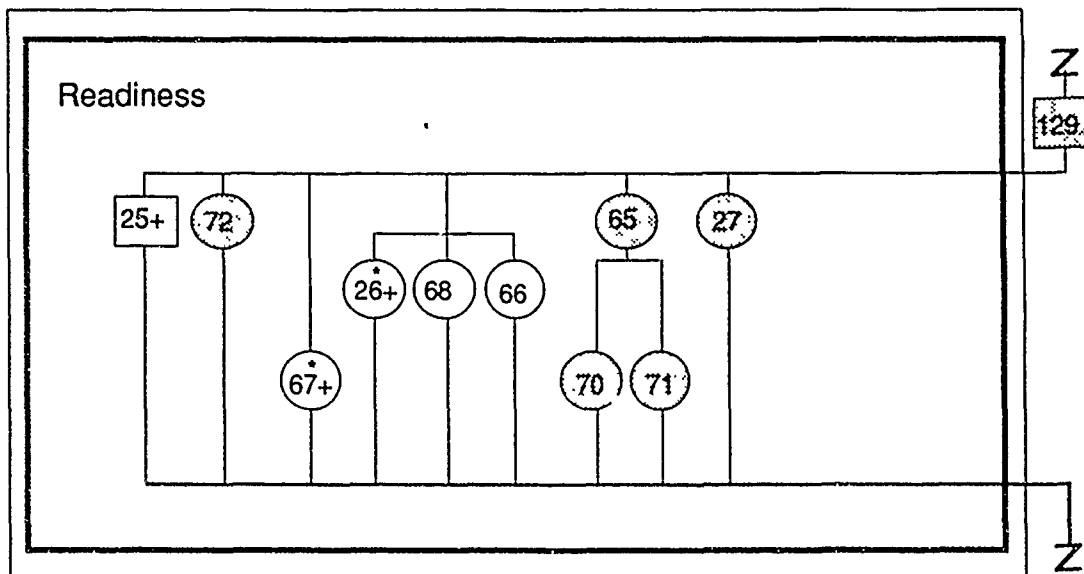
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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness

CONDITION: Enemy recon elements are active in the sector.

The Platoon is in its defensive position and has enough space to conduct rehearsals and test fire weapons. The Company Trains are co-located with the Company/Team.



- TASK LIST:**
- 25 Conduct Pre-Combat Checks
 - 26 Prepare for NBC Operations
 - 27 Establish Redundant Communications
 - 65 Prepare Fighting Positions
 - 66 Rehearse Battle Drills and Plans
 - 67 Prepare for Limited Visibility Operations
 - 68 Rehearse Reactions to Enemy Air
 - 70 Reinforce Terrain
 - 71 Record Minefields
 - 72 Establish Emergency Resupply

□ Perform in SIMNET Device

■ Perform in SIMNET Complex + Partial

○ Supported in Complex with Modifications or Additions

● Not Supported

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 25

TASK	STANDARD	PERFORMANCE STANDARD
25 Conduct Pre-Combat Checks FM 7-7, Chap. 3 FC 17-15, Chap. 3 FM 7-7J, Chap. 3	All platoon elements are determined to be combat operationally ready.	All of the following checks are effectively accomplished: 1) Weapons Boresighted. 2) NBC equipment checked. 3) Prepare-to-fire checks performed. 4) Preoperational maintenance checks performed. 5) Unit resupplied with: • Class I. • Class III. • Class V.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 25

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment. Vehicle fuel status. Quantity of fuel accepted in gallons. Vehicle/weapon system ammunition status. Number of rounds of each ammunition type accepted.		Reports are accurate, timely, and complete. The next higher commander is kept informed of the unit's actions and status.

MISSION: Defend
ECHOLON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 25 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
25 Conduct Pre-Combat Checks FM 7-7, Chap. 3 FC 17-15, Chap. 3 FM 7-7J, Chap. 3	All platoon elements are determined to be combat operationally ready.	6) Soldier's individual equipment checked. 7) Mission Essential equipment prepared and checked.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 25 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment.	Platoon leader/sergeant, squad leader, vehicle commander check to ensure soldiers are in the proper uniform and have the required equipment.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 26

TASK	STANDARD	PERFORMANCE STANDARD
26 Prepare for NBC Operations* FM 7-7, App. M FC 17-15, App. D FM 7-7J, App. M *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	Platoon NBC equipment is placed in operational readiness and all platoon members fully understand chemical and nuclear procedures.	The following events are effectively confirmed and/or accomplished: 1) Early warning measures are established. 2) Operational readiness of NBC equipment. 3) Review of NBC reporting procedures. 4) Rehearsal of automatic protection procedures. 5) Rehearse decontamination procedures.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 26

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major modifications (both software and hardware). Not supportable in the SIMNET environment without major modifications (both software and hardware).	Platoon leader/sergeant, squad leaders, and tank/vehicle commanders review NBC report formats and reporting criteria with personnel/vehicle crewmen. Personnel put on protective equipment within the required time limits or assume a protected posture when an NBC warning is received	

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 27

TASK	STANDARD	PERFORMANCE STANDARD
27 Establish Redundant Communications FM 7-7, App. D FC 17-15, Chap. 3 FM 7-7J, App. D	An effective primary and alternate means of communication are established with higher, lower, and appropriate adjacent elements.	A primary and backup means of communication is established with the following: 1) Squad leaders/Tank Commanders. 2) Fire support assets. 3) Unit on left and right. 4) Elements to platoon's front. 5) Company/Team Commander. 6) Dismounted elements.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 27

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major modifications (both software and hardware).		

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 65

TASK	STANDARD	PERFORMANCE STANDARD
65 Prepare Fighting Positions FM 7-7, App. B FC 17-15, Chap. 4 FM 7-7J, App. B	Fighting positions are adequately prepared in accordance with established priorities.	1) Positions are prepared IAW the execution matrix. 2) Adequate dismounted fighting positions are prepared. 3) Adequate combat fighting vehicle positions are prepared.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 65

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications.		

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 66

[illegible]

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO: 66

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Initial location of the unit's vehicles/weapon systems. Route of movement used by unit vehicles/weapon systems.	Platoon elements rehearse: • Movement into and out of primary, alternate, and supplementary positions • Movement along routes between primary, alternate, and supplementary positions • Movement along withdrawal routes to subsequent positions • Counterattack options.	Unit defensive sketch. As a minimum they show: • Primary, alternate, and supplementary positions • Subsequent positions • Displacement routes between positions.
Initial location of the unit's vehicles/ weapons systems.	Platoon leader/sergeant and squad leaders review and identify the location of all planned indirect fires to ensure they are targeted on: • All enemy avenues of approach • Known or suspected enemy locations in the platoon's sector • Dead spaces in the platoon's sector • In front, on top of, and to the rear of platoon positions on likely enemy avenues of approach to the position • Prominent terrain features from which fires may be adjusted. Platoon leader/sergeant and squad leaders check and ensure that all direct fire weapon systems are: • Positioned to cover the entire sector • Able to engage targets at the maximum effective range • Positioned to achieve flank shots • Are mutually supporting • Are positioned in depth.	Location of planned indirect fire targets for the platoon. Engagement priorities identified in the unit's SOP are reviewed and followed. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 66 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
66 Rehearse Battle Drills and Plans FM 7-7, Chap. 3 FC 17-15, Chap. 4 FM 7-7J, Chap. 3	The desired level of platoon performance is achieved through rehearsals of critical combat tasks.	3) Engagement criteria.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 66 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Alternate and supplementary positions for all direct fire weapon systems are checked to ensure complete coverage of the platoon's front. Platoon leader/sergeant, squad leaders, and tank/vehicle commanders check and identify all: • TRPs • Engagement areas • Final protective fire(s) • Sector limits. Unit leaders review engagement priorities with all unit personnel. As a minimum engagement criteria should address: • Engaging the nearest, most dangerous threat first • An order of target engagement, such as command/control vehicles, air defense assets, engineer assets, tanks, other armored vehicles, and dismounted infantry.	Engagement priorities identified in the unit's SOP are reviewed and followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 66 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
66 Rehearse Battle Drills and Plans FM 7-7, Chap. 3 FC 17-15, Chap. 4 FM 7-7J, Chap. 3	The desired level of platoon performance is achieved through rehearsals of critical combat tasks.	4) Disengagement criteria. 5) Counterattack plan.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 65 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Unit leaders review and rehearse the actions required for disengagement. As a minimum the following are addressed: • Remount points • Decision/trigger points or lines • Primary and alternate means of communications • Methods of disengagement • The conditions for each anticipated disengagement. Unit leaders review and rehearse the unit's counterattack plan. As a minimum the following items are addressed: • Elements of the platoon participating in the counterattack • The routes to be used during the counterattack • The decision/trigger point to initiate the counterattack • The objective of the counterattack.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 67

TASK	STANDARD	PERFORMANCE STANDARD
67 Prepare for Limited Visibility Operations* FM 7-7, App. I FC 17-15, Chap. 4 FM 7-7J, App. I *Planning and preparation tasks can be performed in the SIMNET complex regardless of whether they can be executed in exercise.	Preparations are made to offset the disadvantages of limited visibility and enhance its advantages.	The platoon establishes and maintains the following: 1) LP/OPs. 2) Platoon alert schedule. 3) Maximizes the use of night vision devices. 4) Appropriate fire control measures.

MISSION: Defend
ECHOLON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 67

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications.	Unit leaders review and rehearse the use of fire control measures used during limited visibility operations. As a minimum the following are addressed: • TRPs • Engagement areas • Decision points/trigger lines • Visual and/or audible signals • Priority of fires • Priority of target engagement.	

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 68

TASK	STANDARD	PERFORMANCE STANDARD
68 Rehearse Reactions to Enemy Air FM 7-7, App. F FC 17-15, Chap. 6 FM 7-7J, App. F	Identification, engagement, and fire control measures are rehearsed.	The platoon effectively rehearses the following: 1) Fire control and distribution. 2) Acquisition and engagement rules.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 68

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Platoon leader/sergeant, squad leaders review fire control criteria with all personnel: • WEAPONS FREE: Weapons may fire at aircraft not positively identified as friendly • WEAPONS TIGHT: Weapons may only be fired at aircraft positively identified as hostile • WEAPONS HOLD: Do not fire except in self-defense. Personnel are briefed to immediately concentrate volume fire on any attacking jet or helicopter. Platoon personnel are briefed on all air avenues of approach into the platoon area. Air guards and dismounted personnel are designated to observe for attacking enemy aircraft. Aircraft search techniques are reviewed by all personnel: • Flat terrain search techniques • Hilly terrain search techniques. Engagement techniques are reviewed and rehearsed: • "Two Football Field" technique for jet aircraft • "Half Football Field" technique for slow aircraft or helicopters • "Reference Point or Series of Reference Points" techniques for jet aircraft.	Specific rules for engaging aircraft identified in the unit's SOP are reviewed and followed. Engagement techniques identified in the unit's SOP are reviewed and followed. Air guard and aircraft early warning requirements identified in the unit's SOP are reviewed and followed. Aircraft engagement techniques identified in the unit's SOP are reviewed and followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 68 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
68 Rehearse Reactions to Enemy Air FM 7-7, App. F FC 17-15, Chap. 6 FM 7-7J, App. F	Identification, engagement, and fire control measures are rehearsed.	3) Aircraft identification. 4) Evasive actions. 5) Early warning.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 68 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Platoon personnel are briefed as to the most likely type(s) of enemy aircraft expected in the area. Platoon leader/sergeant, squad leaders and tank/vehicle commanders familiarize personnel with aircraft "flash cards." Platoon leader/sergeant, squad leaders and tank vehicle commanders review and rehearse the following evasive actions with their personnel: • Seek cover and concealment • Keep vehicles dispersed • Move with frequent changes of speed and direction while turning away from the hostile aircraft's axis of attack • Avoid the use of lights at night. The platoon's early warning system is reviewed and rehearsed with all platoon and attached personnel.	Platoon evasive actions identified in the unit's SOP are reviewed and followed. Early warning procedures identified in the unit's SOP are reviewed and followed.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 70

TASK	STANDARD	PERFORMANCE STANDARD
70 Reinforce Terrain FM 7-7, App. O FC 17-15, App. C FM 7-7J, App. O	The platoon correctly emplaces protective obstacles within the platoon sector and in front of individual positions.	1) The platoon leader ensures that hasty minefield emplacements are properly reported to the Company/Team Commander: • Report Intention to emplace minefield • Report initiation of the minefield • Report completion of the minefield. 2) The hasty minefield is correctly emplaced using only metallic mines. 3) The platoon emplaces wire barriers in an effective manner. 4) The platoon maximizes the reinforcement of natural obstacles to enhance its position.

MISSION: Defend ECHOLON: Platoon PHASE: Preparation SEGMENT: Readiness TASK NO.: 70		
AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications.		

MISSION: Defend
ECHOLON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 71

TASK	STANDARD	PERFORMANCE STANDARD
71 Record Minefields FM 7-7, App. O FC 17-15, App. C FM 7-7J, App. O	The correct procedures are used to accurately record the hasty minefield.	1) The hasty minefield is correctly recorded on DA Form 1355-1-R using the following minimum notations: • Magnetic North • Arrow pointing towards the enemy • Correct scale • Landmark description and azimuth • Row marker description • Location for safety pins and clips. 2) The platoon leader keeps the DA Form 1355-1-R in his possession.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Readiness
ASK NO.: 71

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications.		
Not supportable in the SIMNET environment.		

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Readiness
 TASK NO.: 72

TASK	STANDARD	PERFORMANCE STANDARD
72 Establish Emergency Resupply FM 7-7, Chap. 8 FC 17-15, Chap. 7 FM 7-7J, Chap. 8	Adequate supplies are positioned for immediate use.	1) An adequate quantity of Class V is prestocked. 2) All prestocked supplies are properly positioned to support the maneuver scheme.

MISSION: Defend
ECHOLON: Platoon
PHASE: Preparation
SEGMENT: Readiness
TASK NO.: 72

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications.		

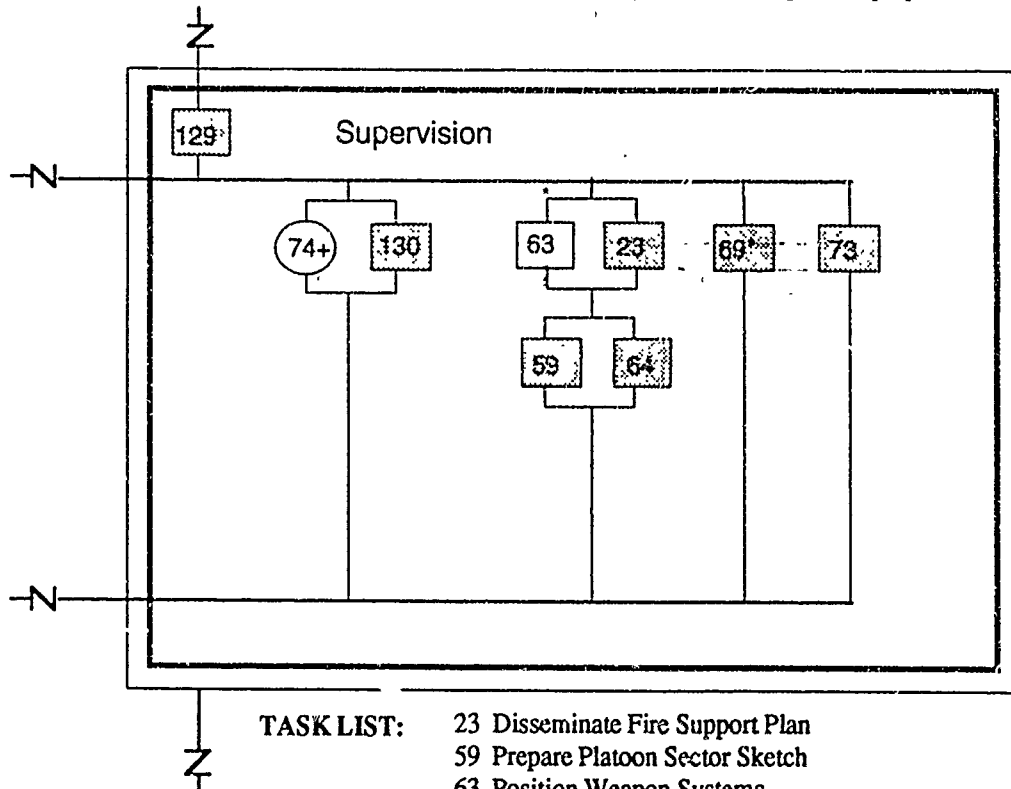
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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision

CONDITION: Enemy recon elements are active in the sector.

The platoon leadership uses available time to adjust and refine platoon preparation.



TASK LIST:

- 23 Disseminate Fire Support Plan
- 59 Prepare Platoon Sector Sketch
- 63 Position Weapon Systems
- 64 Integrate Fire Plans
- 69 Disseminate Obstacle Plan
- 73 Establish Contact with Adjacent Units
- 74 Supervise the Implementation of Plans and Orders
- 129 Conduct Briefbacks
- 130 Refine Plan

□ Perform in SIMNET Device

■ Perform in SIMNET Complex

○ Supported in Complex with Modifications or Additions

● Not Supported

+ Partial

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 23

TASK	STANDARD	PERFORMANCE STANDARD
23 Disseminate Fire Support Plan FM 7-7, Chap. 8 FC 17-15, Chap. 6 FM 7-7J, Chap. 8	All subordinate leaders and forward observer receive a current copy of the Company/Team fire support plan.	1) All squad leaders/tank commanders have a current copy of the Company/Team fire support plan. 2) Forward Observer has a current copy of the Company/Team fire support plan.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 23

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The confirmed Company/Team target list, after being checked by the platoon leader and platoon FO, is provided to all of the platoon's subordinate leaders and vehicle/tank commanders. The confirmed Company/Team target list, after being checked by the platoon leader, is provided to the platoon FO.	Location of planned indirect fire targets for the platoon.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 59

TASK	STANDARD	PERFORMANCE STANDARD
59 Prepare Platoon Sector Sketch FM 7-7, Chap. 6 FC 17-15, App. A FM 7-7J, Chap. 6	The platoon leader's overlay is accurate and complete in depicting the scheme of maneuver and fires.	The sketch correctly depicts the following measures: 1) Reflect company graphics. 2) Platoon positions. 3) Vehicle sectors of fire. 4) Engagement areas. 5) TRPs. 6) Obstacles. 7) Indirect fire targets. 8) Restrictions. 9) Timed events. 10) Movement routes. 11) Crew-served and anti-tank weapons sectors of fire.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO: 59

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader, using Company/ Team graphics, squad sector sketches, and range cards from tanks and BFVs, develops a platoon sector sketch which includes: • Company graphics • Platoon positions • Vehicle sectors of fire • Engagement areas • TRPs • Obstacles • Indirect fire targets • Restrictions • Timed events • Movement routes • Crew-served/anti-tank weapons sector of fire.	

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 63

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 63

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Location of vehicles/weapon systems.	The platoon's defensive plan identifies primary, alternate, and supplementary positions for all vehicles, weapon systems, and subordinate elements of the platoon. Primary and alternate firing positions are oriented on the same avenue of approach and sector of fire. Supplementary positions are oriented on a different avenue of approach and sector of fire.	Unit defensive sketch. As a minimum they must show: • Primary, alternate, and supplementary positions • Subsequent positions • Displacement routes between positions. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas. • Obstacles • Indirect fire targets • Final protective fire(s) • Legend.
Initial location of the unit's vehicles/weapon systems.	The platoon defensive plan orients weapon systems on avenues of approach to take maximum advantage of the weapon's capability, lethality, and optimum targets of choice.	The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 63 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
63 Position Weapon Systems FM 7-7, App. B FC 17-15, Chap. 4 FM 7-7J, App. B	Weapon systems are positioned to maximize their firepower, optimize mutual support, and utilize available cover and concealment.	• Maximum effective range. • Positioned to facilitate mutual support. • Utilize available cover and concealment.

MISSION: Defend
ECHOLON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 63 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Initial location of the unit's vehicles/ weapons systems.	The platoon defensive plan orients weapon systems on avenues of ap- proach to take advantage of the weapons maximum effective engage- ment range.	
Initial location of the unit's vehicles/ weapon systems.	The platoon defensive fire plan ori- ents weapon systems: • In depth • To achieve flank shots • To cover the entire front • To mass fires at any point along the platoon's front. Weapon systems are positioned to protect the weapon from enemy di- rect fire (cover). Weapon systems are positioned to protect the weapon from enemy ob- servation (concealment).	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 64

TASK	STANDARD	PERFORMANCE STANDARD
64 Integrate Fire Plans FM 7-7, App. C FC 17-15, Chap. 2 FM 7-7J, App. C	Direct fires are reinforced with available indirect fire.	1) Dead space within the platoon's sector is adequately covered by indirect fires. 2) All likely enemy avenues of approach are effectively covered by direct and indirect fires. 3) Interlocking sectors of direct fire are adequately planned to effectively cover the platoon's front.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 64

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader, with the assistance of the platoon FO, plans indirect fire targets on those areas not covered by direct fire. Indirect fire targets are confirmed on: • All enemy avenues of approach • Known or suspected enemy locations in the platoon's sector • In front, on top of, and to the rear of platoon positions on likely enemy avenues of approach to the position • Prominent terrain features from which fires may be adjusted. Direct fire weapon systems are positioned to ensure complete coverage of the platoon's area of responsibility by being: • Positioned to cover the entire front • Able to engage targets at the maximum effective range • Positioned to achieve flank shots • Mutually supporting • Positioned in depth • Able to mass fires at any point along the platoon's front. Sectors of fire for all direct fire weapons are planned to ensure: • Weapons are mutually supporting • Weapons are positioned to achieve flank shots • Weapons are positioned in depth • Weapons are able to mass fires at any point along the platoon's front.	Location of planned indirect fire targets for the platoon. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and BFV positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 69

TASK	STANDARD	PERFORMANCE STANDARD
69 Disseminate Obstacle Plan* FM 7-7, App. O FC 17-15, App. C FM 7-7J, App. O *Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise.	The platoon obstacle plan is distributed to higher and adjacent units.	1) A copy of the platoon's obstacle plan is given to elements on the platoon's flanks and front. 2) The platoon's protective obstacle plan is submitted to the Company/Team Commander.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Sub. 1 in
TASK NO.: 69

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader provides units to his flanks and front with a sector sketch. As a minimum it should show: • Location of all obstacles in the platoon sector • Type of obstacles in the platoon sector • How the obstacles are covered with direct and indirect fires • The security arrangements the platoon has implemented (patrols, LPs, OPs, etc.). The platoon leader provides the Company/Team Commander with a sector sketch. As a minimum it should show: • Location of all obstacles in the platoon sector • Type of obstacles in the platoon sector • How the obstacles are covered with direct and indirect fires • The LPs/OPs and patrols routes used to secure the obstacles.	

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 73

[illegible]

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 73

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader provides and receives the following information from the unit passing through his position: • Designation of unit to pass • Enemy situation • Contact points • OPs/LPs and patrol routes • Passage points and lanes • Obstacle locations and types • Assembly areas • Combat support and combat service support to be provided • Routes and route priority • Traffic control points for movement • CEOI information • Battle hand-off phase line • Contaminated areas. The platoon leader provides the adjacent units with a defensive sector sketch. As a minimum it will include: • Platoon sector or engagement area • Tank, BFV, and team positions • Tank/BFV positions with primary sectors of fire or engagement areas • BFV/infantry remount point • Dragon, M60 MG, and SAW positions with primary sectors of fire for each • M60 MG/SAW FPLs or PDFs • Maximum engagement ranges for TOWs, tank main gun, 25mm gun, and coaxial machine guns • OPs • TRPs and target numbers • Mines and other obstacles • Indirect fire target locations • Final protective fire(s) location, if allocated.	

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 73 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
73 Establish Contact with Adjacent Units FM 7-7, Chap. 6 FC 17-15, Chap. 4 FM 7-7J, Chap. 6	Information is exchanged with elements on the platoon's left, right, and front.	3) Coordinate mutual support. 4) Exchange maneuver graphics. 5) Establish communications.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 73 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader and the leaders of the adjacent units, using unit sector sketches, coordinate: • Interlocking direct fires • Coverage of dead space between positions • Overlapping observation • Location of primary, alternate, and supplementary positions • Indirect fire targets. The platoon leader and the leaders of the adjacent units exchange, as a minimum, the following maneuver information: • The platoon sector or boundaries • Primary, alternate, and supplementary positions • Routes into and out of the positions • Routes to subsequent positions • Obstacles • OPs, LPs, and patrol routes. The platoon leader and the leaders of the adjacent units exchange, as a minimum, the following communications information: • Frequencies, primary and anti-jam • Call signs • Challenge and password • Any emergency (visual or audio) signals.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 74

TASK	STANDARD	PERFORMANCE STANDARD
74 Supervise the Implementation of Plans and Orders FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-7J, Chap. 3	Platoon leadership ensures that orders are properly carried out.	1) All of the following are effectively supervised by the platoon's chain of command: • Enforcing platoon rest plan. • Platoon battle drill rehearsals. • Platoon combat procedure rehearsals.

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 74

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment. Initial location of the unit's vehicles/ weapons systems. Route of movement used by unit vehicle/ weapon systems.	Platoon and platoon subelements rehearse drills, actions, and movements. As a minimum the following are rehearsed: • Movement into and out of primary, alternate, and supplementary positions • Movement between primary, alternate, and supplementary positions • Movement along withdrawal routes to subsequent positions • Counterattack options • Reaction to enemy air attack • Mounting and dismounting infantry elements • Actions at passage points.	Key leaders within the platoon and platoon subelements use terrain models to rehearse the following: • Use of TRPs and engagement areas • Final protective fire(s) • Remount points • Decision/trigger points or lines • Methods of disengagement • The conditions for each anticipated disengagement • The conditions which trigger the counterattack • The routes used during the counterattack • The objectives of the counterattack • Routes to subsequent battle positions • Positioning of platoon elements and subelements and subelements on subsequent battle positions.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 74 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
74 Supervise the Implementation of Plans and Orders FM 7-7, Chap. 3 FC 17-15, Chap. 2 FM 7-7J, Chap. 3	Platoon leadership ensures that orders are properly carried out.	• Crew/Squad briefings and rehearsals. • Fighting position preparation. • Obstacle emplacement. 2) Adjustments and refinements to the platoon's defensive plan are continuously made based on supervisor feedback.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 74 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications.	Squads, weapon system crews, and vehicle crews conduct briefings and rehearsals in the same detail and covering the same areas as that of the platoon. The platoon leader/platoon sergeant should observe squad/crew rehearsals and conduct inspections once the squad leader, weapon system, or vehicle commander reports his element is prepared. Modification and adjustments to the platoon's defensive plan are approved only by the platoon leader or the platoon sergeant in the platoon leader's absence. All modifications or adjustments to the platoon's defensive plan are briefed to the platoon's subordinate leaders by either the platoon leader or the platoon sergeant. All modifications or adjustments to the platoon's defensive plan are rehearsed by the platoon and platoon subelements.	

MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 129

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 129

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	The platoon leader ensures that his subordinates understand the platoon's mission. As a minimum the subordinates must understand and be able to articulate the following: • Company/Team Commander's concept • Platoon's mission • Platoon leader's concept of operation • The subordinate elements mission • The missions of the other subordinate elements within the platoon. The platoon leader assigns responsibilities and ensures understanding by: • Requiring his subordinate leaders to explain or briefback their mission and concept of operation • By requiring them to talk through or briefback their operations or actions for the entire mission • By addressing or identifying those points or times where interaction or coordination with other platoon subelements are critical. The platoon leader ensures his preparation schedule is understood by requiring his subordinates to briefback their preparation schedule or work priority.	

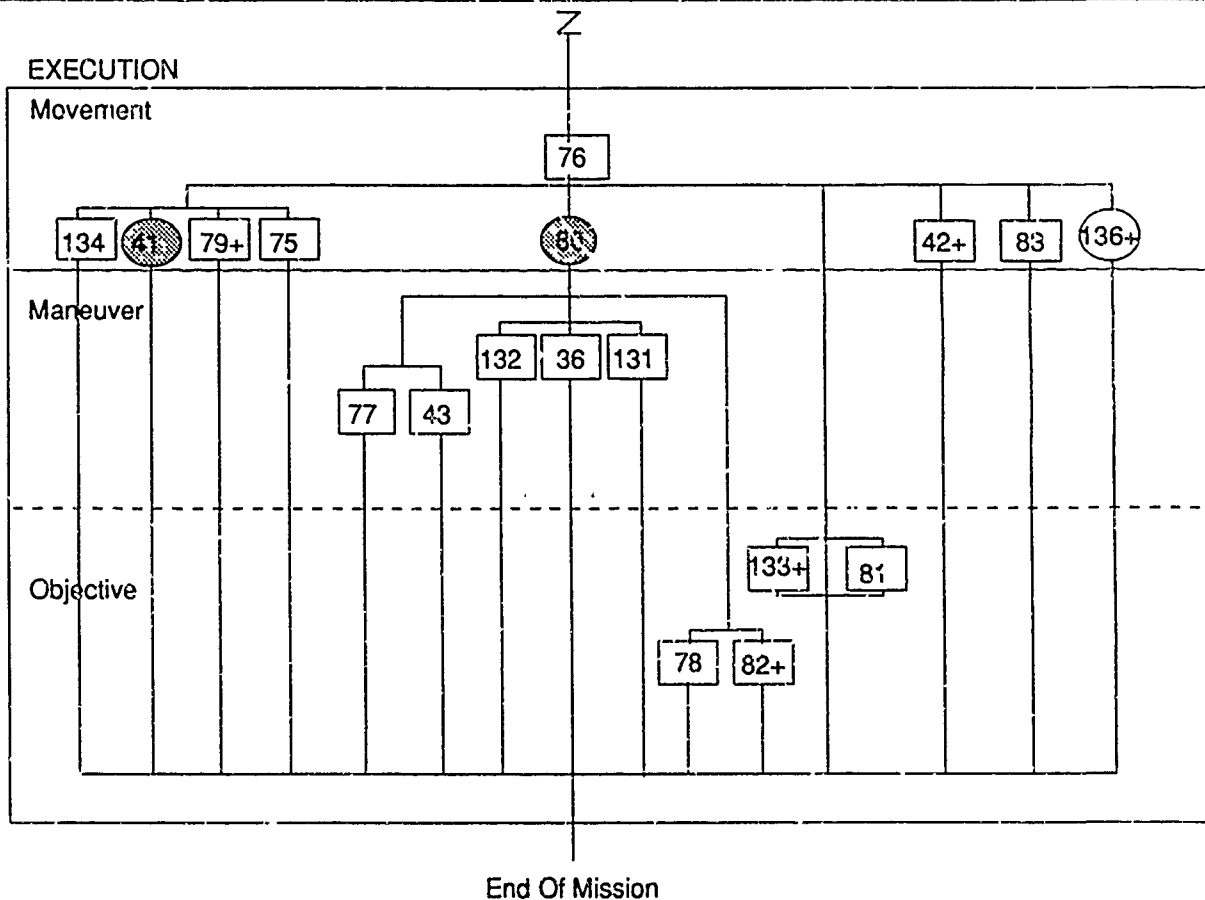
MISSION: Defend
ECHELON: Platoon
PHASE: Preparation
SEGMENT: Supervision
TASK NO.: 130

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Preparation
 SEGMENT: Supervision
 TASK NO.: 130

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Decisions on modifications and adjustments to the platoon's defensive plan are made after an analysis is done by the platoon leader. As a minimum the following are considered: • METT-T • Company/Team Commander's concept • Platoons mission • The platoon's concept of operation. The platoon leader and platoon sergeant ensure all modifications and adjustments to the platoon defensive plan are accomplished. The platoon leader reassesses the platoon's order of work priority based on the adjustments to the defensive plan. Changes to the platoon's work priority plan are communicated to the platoon sergeant and subordinate leaders by the platoon leader. Subordinate leaders are briefed on all changes or adjustments to the platoon's defensive plan. The platoon leader ensures subordinate understanding by having subordinates briefback the changes required by the modifications and adjustments to the platoon's defensive plan.	

EXECUTION PHASE SEQUENCING PLATOON DEFEND



MISSION TASKS

- | | |
|--|---|
| <p>36 Execute Fire Support Plan</p> <p>41 Respond to NBC Operations</p> <p>42 Maintain Communications</p> <p>43 Control Fires</p> <p>75 React to Indirect Fire</p> <p>76 Execute Battle Handover</p> <p>77 Execute Direct Fire Plan</p> <p>78 Maneuver Platoon Elements</p> <p>79 React to Enemy Air</p> | <p>80 Execute Obstacle Plan</p> <p>81 Conduct Emergency Resupply</p> <p>82 Control Movement</p> <p>83 Maintain with Adjacent Units</p> <p>131 Issue FRAGO</p> <p>132 Comply with Commander's Intent</p> <p>133 Reorganize Assets</p> <p>134 Acquire and Engage Targets</p> <p>136 Conduct Evacuation Procedures</p> |
|--|---|

Perform in SIMNET Device

Perform in SIMNET Complex

Supported in Complex with Modifications or Additions

Not Supported

+ Partial

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

**EXECUTION PHASE OUTCOME
PLATOON DEFEND**

SEGMENT	PURPOSE	OUTCOME
MOVEMENT	Disorganize and disorient enemy formations with fire support assets while retaining friendly force integrity.	1. Retain force integrity and capabilities. 2. Destroy enemy recon elements in the sector.
MANEUVER	Destroy enemy forces with all fire assets as they close on the defensive positions.	1. Mass all available fires on the enemy force. 2. Disorganize the enemy force. 3. Shift forces to where they may better contribute to the destruction of the enemy force.
OBJECTIVE	Destroy the enemy force and prepare to begin offensive operations.	1. Maintain continuous and mutually supporting fires on the enemy force. 2. Destroy the enemy's ability to maneuver. 3. Shift forces to where they may better contribute to the destruction of the enemy force. 4. Counterattack to complete the destruction of the enemy force. 5. Conduct consolidation and reorganization in preparation for follow-on offensive operations.

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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement

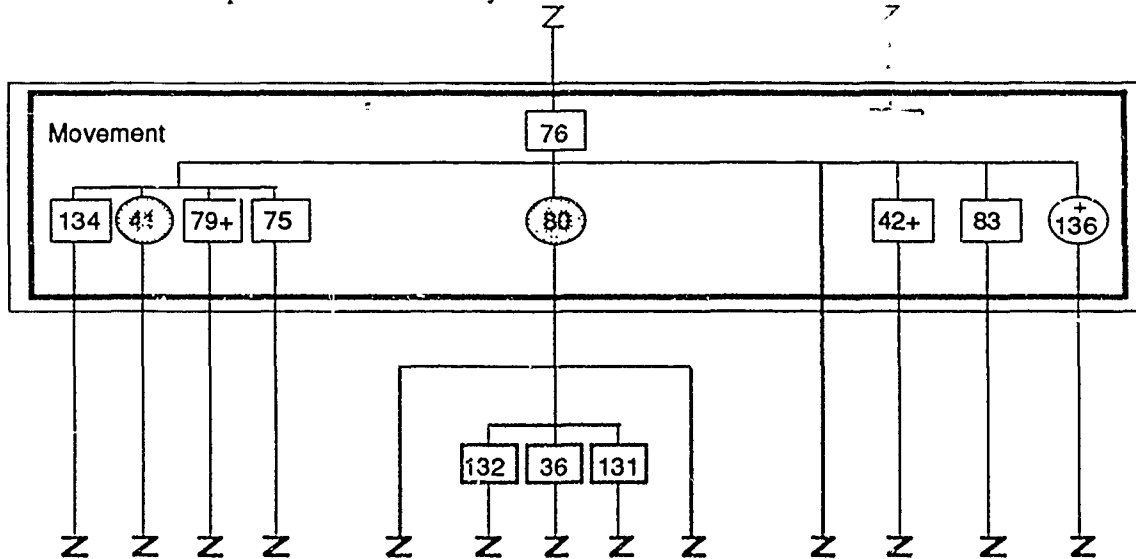
CONDITION: Enemy forces are preparing to launch their attack.

The platoon encounters no enemy activity.

The platoon receives enemy indirect fire.

The platoon is attacked by enemy air in the form of Close Air Support or helicopters.

The platoon encounters enemy recon elements.



TASK LIST:

- 41 Respond to NBC Operations
- 42 Maintain Communications
- 75 React to Indirect Fire
- 76 Execute Battle Handover
- 79 React to Enemy Air
- 80 Execute Obstacle Plan
- 83 Maintain Contact with Adjacent Units
- 134 Acquire and Engage Targets
- 136 Conduct Evacuation Procedures

☐ Perform in SIMNET Device	☒ Perform in SIMNET Complex	+ Partial
<input type="circle"/> Supported in Complex with Modifications or Additions	<input checked="" type="circle"/> Not Supported	* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 41

TASK	STANDARD	PERFORMANCE STANDARD
41 Respond to NBC Operations FM 7-7, App. M FC 17-15, App. D FM 7-7J, App. M A. Respond to Chemical Operations. B. Respond to Nuclear Operations.	All platoon members are able to effectively accomplish all mission critical tasks regardless of NBC conditions encountered.	The platoon always avoids contamination and contaminated areas through appropriate use of the following: 1) Deployment of chemical alarms. 2) Following established automatic procedures. The platoon effectively accomplishes the following: 1) Correctly complies with appropriate MOPP postures. 2) Protects unit equipment and supplies. 3) Makes NBC reports as required. Appropriate decontamination procedures are applied to the following: 1) Personnel. 2) Equipment. 3) Supplies. The platoon effectively takes following actions during and after nuclear operations: 1) Seek appropriate cover. 2) Disengages communications. 3) Report according to established schedule. The platoon decontaminates the following in accordance with established procedures: 1) Personnel. 2) Equipment. 3) Supplies.

MISSION: Defend
ECHOLON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 41

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major software modifications. Not supportable in the SIMNET environment without major software modifications.		

MISSION: Defend
ECHOLON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 42

TASK	STANDARD	PERFORMANCE STANDARD
42 Maintain Communications FM 7-7, App. D FC 17-15, Chap. 3 FM 7-7J, App. O	Effective two-way communication with higher, lower, and appropriate adjacent elements is continuous throughout the conduct of the mission.	The platoon always maintains effective two-way communications with the following elements: 1) Squads/tanks. 2) Dismounted elements. 3) Company/Team Commander. 4) Fire support.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 42

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
		Reports are accurate, timely, and complete. Contact reports are passed to the unit leader rapidly. Orders, instructions, and information is disseminated and received by all elements of the unit. The next higher commander is kept informed of the unit's actions and status.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 75

TASK	STANDARD	PERFORMANCE STANDARD
75 React to Indirect Fire FM 7-7, App. H FC 17-15, Chap. 4 FM 7-7J, App. H	Platoon suffers no casualties as result of enemy indirect fires.	1) Count of friendly casualties as a result of enemy indirect fire.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 75

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of friendly vehicles/weapon system killed by enemy indirect fires. Number of friendly vehicles/weapon system hit by enemy indirect fires. Number of enemy indirect fire missions fired at the defending unit. Location of enemy indirect fire missions. Number of enemy artillery/mortar rounds fired at the defending unit.		Type of enemy artillery/mortar rounds fired at the defending unit.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 76

TASK	STANDARD	PERFORMANCE STANDARD
76 Execute Battle Handover FM 7-7, Chap. 6 FC 17-15, Chap. 5 FM 7-7J, Chap. 6	The platoon assists the disengagement of forward elements by providing suppressive fires and assisting their passage through friendly position.	1) There are no friendly casualties as a result of friendly fires. 2) Platoon maintains continuous effective fires on advancing enemy elements. 3) Platoon elements effectively assist passage of forward friendly forces through obstacles.

MISSION: Defend
 ECHelon: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 76

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of friendly vehicles hit/killed by defending unit. Number of rounds fired. Type of rounds fired. Number of enemy vehicles killed/hit. Number of rounds fired per period of time. Location of killed enemy vehicles. Number of artillery/mortar missions fired. Location of artillery/mortar fire missions. Type and number of vehicles passing given point (passage point). Orientation of gun tubes or weapons.	Platoon effectively suppresses enemy fire and slows enemy forward movement. No disruption to stationary unit. No disruption or delay to the passing unit.	Type of artillery/mortar round fired. Location of friendly barriers/obstacles. Type of obstacles or barriers. Location of friendly barriers and obstacles. Passing unit notifies defending unit prior to starting the passage of lines. Defending unit acknowledges the recognition signal of the passing unit. Guides from the stationary unit guide elements of the passing unit through the position

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 79

TASK	STANDARD	PERFORMANCE STANDARD
79 React to Enemy Air FM 7-7, App. F FC 17-15, Chap. 6 FM 7-7J, App. F	The effects of enemy air are neutralized.	1) Platoon effectively utilizes early warning system. 2) Platoon elements correctly distinguish between friendly and enemy aircraft. 3) Platoon elements maximize the employment of the following passive measures: • Cover • Concealment • Camouflage • Dispersion

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 79

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Location of unit tanks, Bradleys, and major weapon systems.		Early warning or hostile aircraft alert is sent over the unit net. Early warning should have, as a minimum: • Direction of flight • Number of aircraft • Type of aircraft (high performance or helicopter). Unit correctly reports identity, type, and number of hostile aircraft to higher HQ.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 79 (Continued)

TASK	STANDARD	PERFORMANCE STANDARD
79 React to Enemy Air FM 7-7, App. F FC 17-15, Chap. 6 FM 7-7J, App. F	The effects of enemy air are neutralized.	4) Platoon effectively engages enemy high performance aircraft. 5) Platoon effectively engages enemy helicopters.

MISSION: Defend
ECHOLON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 79 (Continued)

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of friendly vehicles/weapon systems hit/killed by enemy high performance aircraft. Number of rounds fired at enemy aircraft by defending units. Types of rounds fired at enemy aircraft by defending units. Number of enemy high performance aircraft hit by defending units. Number of enemy high performance aircraft killed by defending units. Number of friendly vehicles/weapon systems hit/killed by enemy helicopters. Number of rounds fired at enemy helicopters by defending units. Type of rounds fired at enemy helicopters by defending units. Number of enemy helicopters hit by defending unit fire. Number of enemy helicopters killed by defending unit fire.		

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 80

TASK	STANDARD	PERFORMANCE STANDARD
80 Execute Obstacle Plan FM 7-7, App. O FC 17-15, App. C FM 7-7J, App. O	Obstacle effectiveness is maximized through proper initiation and placement of supporting fires.	The platoon effectively covers all obstacles within the platoon sector with fire. All obstacles within platoon sector are under continuous observation. Platoon leader accepts responsibility for all obstacles within his sector.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 80

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the SIMNET environment without major soft- ware modifications.		

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 83

TASK	STANDARD	PERFORMANCE STANDARD
83 Maintain Contact with Adjacent Units FM 7-7, Chap. 6 FC 17-15, Chap. 4 FM 7-7J, Chap. 6	The platoon's flanks are always tied in with adjacent elements.	1) Dead space and gaps on the platoon's flanks are always covered by fire and observation by the platoon or adjacent flank elements. 2) Platoon leader always controls direct fires into and out of sector. 3) Platoon is always able to provide mutual support to adjacent units.

MISSION: Defend
ECHOLON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 83

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Location of killed enemy vehicles. Location of all enemy vehicles hit by defending weapon systems. Location of platoon tanks, Bradleys, and major weapon systems. Location of impact of friendly mortar/artillery fire missions.	Adjacent units are mutually supporting.	Location of friendly barriers and obstacles. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend. Reports are accurate, timely, and complete.
Location of enemy vehicles killed by unit. Location of all enemy vehicles hit by the unit's weapon systems. Location of the unit's mortar/artillery fire missions. Location of enemy vehicles killed out of defending platoon's sector.	Platoon is able to mass and shift fires within its sector.	The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend. Reports are accurate, timely, and complete. Contact reports are passed to the unit leader rapidly. Orders, instructions, and information is disseminated and received by all elements of the unit.
Location of enemy vehicles killed by the unit's weapon systems. Location of all enemy vehicles hit by the unit's weapon systems.	Enemy vehicles do not penetrate along adjacent unit boundaries.	

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 134

TASK	STANDARD	PERFORMANCE STANDARD
134 Acquire and Engage Targets FM 7-7, App. B FC 17-15, Chap. 2 FM 7-7J, App. B	The enemy's ability and will to fight is neutralized by maximizing the destruction of his combat elements.	1) The number of enemy combat vehicle kills/number of platoon anti-armor rounds fired. 2) The platoon's gunners correctly identify all targets as either friend or enemy. 3) The platoon's gunners effectively detect all targets as soon as they unmask from behind terrain features within the platoon's zone. 4) The platoon's gunners always engage enemy targets with an appropriate weapon system.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Movement
TASK NO.: 134

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of enemy vehicles killed. Number of enemy vehicles hit. Number of rounds fired. Type of rounds fired. Number of friendly vehicles killed/ hit by defending unit. Location of killed enemy vehicles. Location of all enemy vehicles hit by defending weapon systems. Type vehicle hit by defending unit fire. Type of round used to hit enemy targets. Type of vehicles killed by defending unit fire. Type of round used to kill enemy targets.		The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley posi- tions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO.: 136

TASK	STANDARD	PERFORMANCE STANDARD
136 Conduct Evacuation Procedures FM 7-7, App. K FC 17-15, Chap. 7 FM 7-7J, App. K	Personnel and equipment casualties are reported and/or moved to the platoon's rear in accordance with established priorities and procedures.	1) Platoon casualties are always properly prepared for evacuation. 2) Personnel casualty evacuation, or requests for evacuation assistance, are always conducted IAW established plans or procedures. 3) The platoon leader always correctly reports vehicle damage and location.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Movement
 TASK NO: 136

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the present SIMNET environment.		Evacuation procedures identified in the unit's order or SOP are followed. Reports are accurately, timely, and complete. Contact reports are passed to the unit leader rapidly. Orders, instructions, and information is disseminated and received by all elements of the unit. The next higher commander is kept informed of the unit's actions and status

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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Maneuver

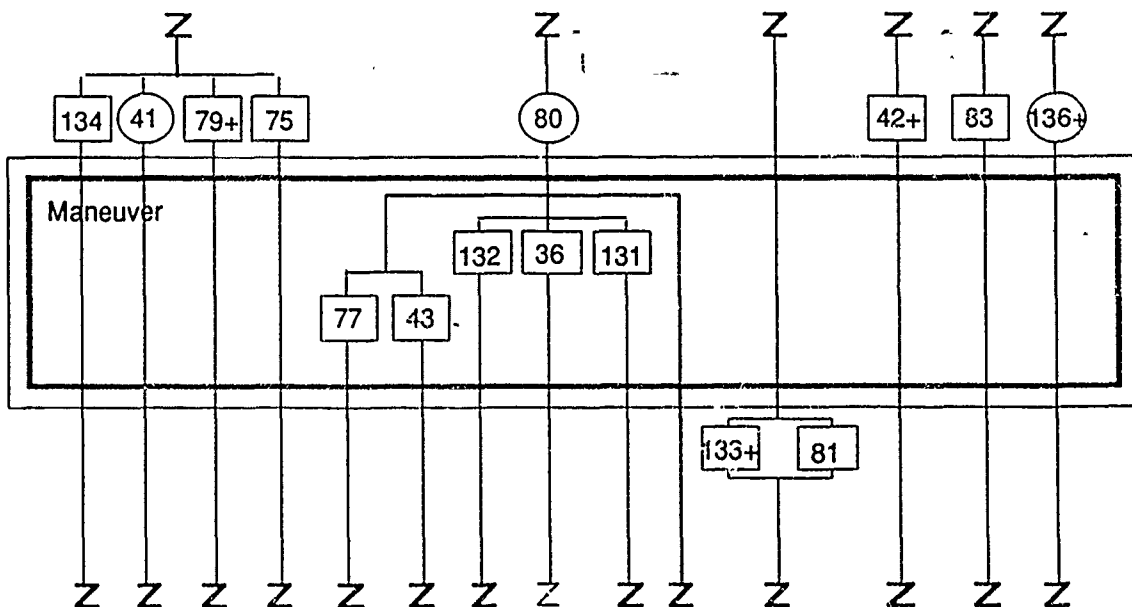
CONDITION: Enemy forces are moving toward the task force defensive positions. The enemy main body is beyond the range of task force direct fire weapons.

The platoon encounters no enemy activity.

The platoon receives enemy indirect fire.

The platoon is attacked by enemy air in the form of Close Air Support or helicopters.

The platoon encounters enemy recon elements.



TASK LIST:
 36 Execute Fire Support Plan
 43 Control Fires
 77 Execute Direct Fire Plan
 131 Issue FRAGO
 132 Comply with Commander's Intent

□ Perform in SIMNET Device

▣ Perform in SIMNET Complex

○ Supported in Complex with Modifications or Additions

● Not Supported

+ Partial

* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Maneuver
 TASK NO.: 36

TASK	STANDARD	PERFORMANCE STANDARD
36 Execute Fire Support Plan FM -7-, Chap. 5 FC 17-15, Chap. 6 FM 7-7J, Chap. 5	Enemy targets are appropriately engaged and neutralized.	1) Enemy targets are engaged with indirect fires IAW designated priorities. 2) Indirect fires impact on target within three minutes of call for fire. 3) Indirect "fire for effect" accuracy is determined by number of enemy targets neutralized/number of rounds fired at target. 4) Rate of indirect fire was appropriate to the situation.

MISSION: Defend
 ECHELON: 1st
 PHASE: Execution
 SEGMENT: Maneuver
 TASK NO.: 35

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of artillery/mortar missions fired. Location of artillery/mortar fire missions. Location of killed enemy vehicles. Location of vehicles hit by indirect fire missions. Type of vehicles killed by indirect fires. Type of vehicles hit by indirect fires. Time indirect fire missions impact on target. Time indirect fire missions are fired. Number of artillery/mortar rounds fired by mission. Number of enemy vehicles within 25 meters of impact of indirect fire missions. Number of enemy vehicles killed or damaged by indirect fires. Location of enemy vehicles killed or damaged by indirect fires. Number of artillery/mortar rounds fired per unit of time.		Engagement priorities identified in the unit's SOP and order are followed. Time "call for fire" is initiated.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Maneuver
TASK NO.: 43

TASK	STANDARD	PERFORMANCE STANDARD
43 Control Fires FM 7-7, Chap. 3 FC 17-15, Chap. 3 FM 7-7J, Chap. 3	Effective fires are quickly massed and/or distributed on the enemy's forces at will.	1) The platoon leader effectively utilizes SOPs and battle drills to reduce reaction times for target engagement. 2) The platoon effectively utilizes its "weapons ready" posture against a multiple threat. 3) The platoon engages all targets IAW preestablished fire control parameters.

MISSION: Defend ECHOLON: Platoon PHASE: Execution SEGMENT: Maneuver TASK NO.: 43		
AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Time between target becoming visible and target engagement by platoon.	Platoon fires are massed and shifted as necessary. Most dangerous targets are engaged first.	Engagement priorities identified in the unit's SOP and order are followed. Reports are accurate, timely, and complete. Contact reports are passed to the unit leader rapidly. Orders, instructions, and information is disseminated and received by all elements of the unit.
Number of enemy vehicles killed/hit. Location of killed enemy vehicles. Number of rounds fired per period of time. Initial location of unit tanks, Bradleys, and major weapon systems. Type of ammunition loaded for initial engagement.	Unit weapon systems are repositioned to counter enemy threats. Ammunition loaded for initial engagement is appropriate for the enemy threat.	Engagement priorities identified in the unit's SOP and order followed. Reports are accurate, timely, and complete. Contact reports are passed to the unit leader rapidly. Orders, instructions, and information is disseminated and received by all elements of the unit. The next higher commander is kept informed of the unit's actions and status. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend.
Location of killed enemy vehicles. Location of all enemy vehicles hit by defending weapon systems. Location of artillery/mortar fire missions.	Most dangerous targets are engaged first.	The platoon effectively uses Target Reference Points to direct fires. Target engagement priorities are correctly followed.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Maneuver
TASK NO.: 77

[illegible]

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Maneuver
 TASK NO: 77

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Type vehicle killed by defending unit fire. Type vehicle hit by defending unit fire. Location of killed enemy vehicles. Time enemy vehicles are killed. Distance from firing vehicle to killed vehicle. Time enemy vehicles are hit. Distance from firing vehicle to hit vehicle. Number of rounds fired by individual weapon system per period of time. Time between target becoming visible and target engagement by platoon. Type vehicle hit by defending unit fire. Type of round used to hit enemy targets. Type vehicle killed by defending unit fire. Type of round used to kill enemy targets.	Most dangerous targets are engaged first.	The unit defensive fire plan it utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend. Engagement priorities identified in the unit's SOP or order are followed.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Maneuver
TASK NO.: 131

TASK	STANDARD	PERFORMANCE STANDARD
131 Issue FRAGO FC 71-11, App. A	Mission essential information is communicated to subordinates in a timely manner.	1) The following are accomplished: • The order is presented in a timely manner. • Relays Commander's intent. • Is direct and concise. 2) Subordinate leaders understand adjustments.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Maneuver
 TASK NO.: 131

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Unit operations comply with the Commander's concept.	The next higher commander is kept in- formed of the unit's action and status. Orders, instructions, and information is disseminated and received by all ele- ments of the unit.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Maneuver
 TASK NO.: 132

TASK	STANDARD	PERFORMANCE STANDARD
132 Comply with Commander's Intent FC 71-1J, Chap. 2	Missions are accomplished in accordance with concept of operation.	1) Unit always conducts operations in compliance with the Commander's concept.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Maneuver
 TASK NO.: 132

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
	Unit operations do not violate stated Commander's intent.	The next higher commander is kept in- formed of the unit's action and status. Reports are accurate, timely, and com- plete. Orders, instructions, and information is disseminated and received by all ele- ments of the unit.

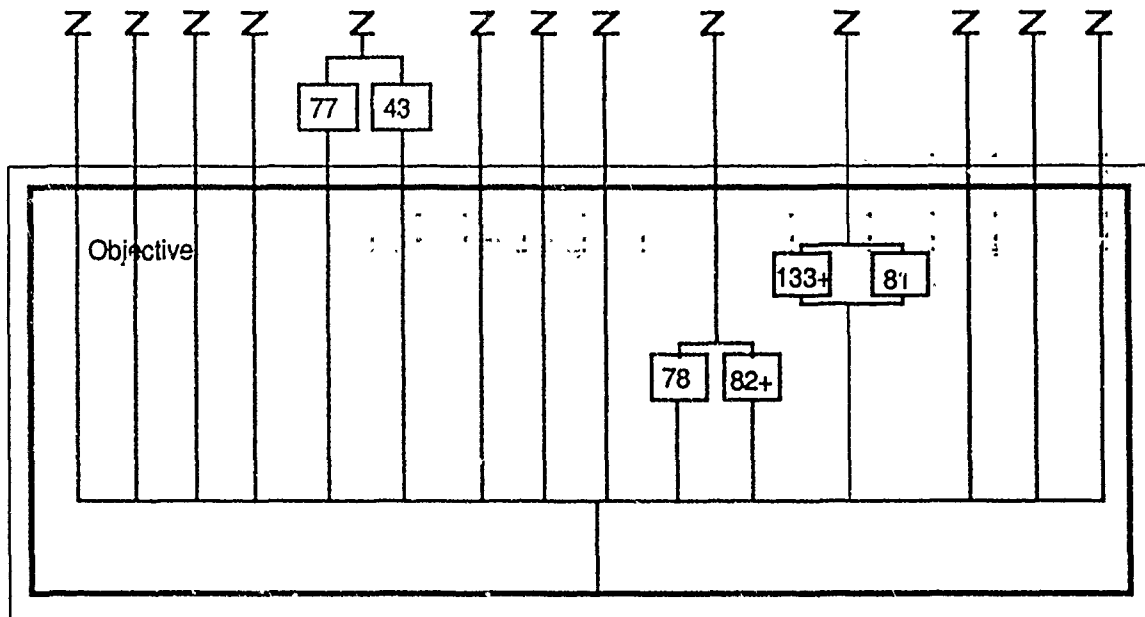
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INTRODUCTION TO SEGMENTS

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Objective

CONDITION: Assaulting enemy forces are within direct fire range of platoon weapon systems.

Assaulting enemy forces remain outside direct fire range of platoon weapon systems.



TASK LIST:
 78 Maneuver Platoon Elements
 81 Conduct Emergency Resupply
 82 Control Movement
 133 Reorganize Assets

☐ Perform in SIMNET Device	☒ Perform in SIMNET Complex	+ Partial
<input type="circle"/> Supported in Complex with Modifications or Additions	<input checked="" type="circle"/> Not Supported	* Planning and preparation tasks can be performed within the SIMNET complex regardless of whether they can be executed in exercise

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Objective
 TASK NO.: 78

TASK	STANDARD	PERFORMANCE STANDARD
78 Maneuver Platoon Elements FM 7-7, Chap. 5 FC 17-15, Chap. 4 FM 7-7J, Chap. 5	The defender's advantage is maintained.	1) Anti-armor weapon systems are displaced to alternate positions upon receiving effective enemy fire. 2) Platoon elements use planned routes to move to alternate and supplementary positions. 3) No friendly casualties are incurred during movement to alternate and supplementary positions

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Objective
TASK NO.: 78

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of friendly vehicles/weapon systems killed by enemy direct fires. Number of friendly vehicles/weapon systems killed by enemy indirect fires. Number of enemy indirect fire missions fired at the defending unit. Location of enemy indirect fire missions. Number of enemy artillery/mortar rounds fired at the defending unit. Initial location of the unit's vehicles/weapon systems. Route of movement used by unit vehicles/weapon systems. Number of friendly vehicles killed or hit by friendly fire.	Unit weapon systems are repositioned to counter enemy threats. Unit repositions to designated positions.	Type of enemy artillery/mortar rounds fired at the defending unit. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend. Unit defensive graphics. As a minimum they must show: • Primary, alternate, and supplementary positions • Subsequent positions • Displacement routes between positions.

MISSION: Defend
ECHOLON: Platoon
PHASE: Execution
SEGMENT: Objective
TASK NO.: 81

TASK	STANDARD	PERFORMANCE STANDARD
81 Conduct Emergency Resupply FM 7-7, Chap. 8 FC 17-15, Chap. 7 FM 7-7J, Chap. 8	Emergency resupply to platoon elements is conducted as dictated by the tactical situation.	1) Emergency resupplies are appropriately distributed to platoon elements as they are requested.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Objective
 TASK NO.: 81

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Vehicle/weapon system ammunition status. Amount of ammunition provided to each vehicle or weapon system. Vehicle fuel status. Amount of fuel provided to each vehicle.		Type and amount of ammunition requested by the unit. Amount of fuel requested by the unit. Reports are accurate, timely, and complete. Orders, instructions, and information is disseminated and received by all elements of the unit. The next higher commander is kept informed of the unit's actions and status.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Objective
 TASK NO.: 82

TASK	STANDARD	PERFORMANCE STANDARD
82 Control Movement FM 7-7, Chap. 7 FC 17-15, Chap. 2 FM 7-7J, Chap. 7	Platoon integrity is maintained during repositioning of subordinate elements.	1) All available indirect fires are fired on the enemy during the platoon's disengagement. 2) The platoon utilizes correct route to move out of platoon sector. 3) The remount of dismounted elements is effectively conducted.

MISSION: Defend
ECHOLON: Platoon
PHASE: Execution
SEGMENT: Objective
TASK NO.: 82

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Number of friendly artillery/mortar missions fired. Location of friendly artillery/mortar fire. Number of artillery/mortar rounds fired per unit of time. Number of artillery/mortar rounds fired by mission. Number of enemy vehicles within 25 meters of impact of indirect fire missions. Initial location of the unit's vehicles/weapon systems. Route of movement used by unit vehicles/weapon systems. Not supportable in the SIMNET environment without major software modifications.	Indirect fire effectively suppresses enemy fires and slows enemy forward movement.	Type of artillery/mortar round fired. Unit defensive graphics. As a minimum they must show: • Primary, alternate, and supplementary positions • Subsequent positions • Displacement routes between positions. The unit defensive fire plan is utilized to direct target engagements. As a minimum it must show: • Unit sector • Individual tank and Bradley positions • OPs • TRPs and engagement areas • Obstacles • Indirect fire targets • Final protective fire(s) • Legend. Unit defensive graphics. As a minimum they must show: • Primary, alternate, and supplementary positions • Subsequent positions • Displacement routes between positions.

MISSION: Defend
 ECHELON: Platoon
 PHASE: Execution
 SEGMENT: Objective
 TASK NO.: 133

TASK	STANDARD	PERFORMANCE STANDARD
133 Reorganize Assets FM 7-7, Chap. 5 FC 17-15, Chap. 3 FM 7-7J, Chap. 5	The platoon maintains the capability to continue the fight.	The following reorganization procedures and drills are effectively conducted: 1) Personnel are cross-leveled. 2) Equipment is cross-leveled. 4) Resupply items are distributed to all platoon elements. 5) Dismounted elements remount.

MISSION: Defend
ECHELON: Platoon
PHASE: Execution
SEGMENT: Objective
TASK NO.: 133

AUTOMATED MOP	OBSERVABLE MOP	OTHER/ ADDITIONAL MOP
Not supportable in the present SIMNET environment.		
Not supportable in the present SIMNET environment.		
Vehicle/weapon system ammunition status. Vehicle fuel status. Vehicle/weapon system maintenance status.		Reports are accurate, timely, and complete. Orders, instructions, and information is disseminated and received by all elements of the unit. The next higher commander is kept informed of the unit's action and status. Cross-leveling of remaining ammunition is accomplished between unit vehicles/weapon systems. Reports are accurate, timely, and complete. Orders, instructions, and information is disseminated and received by all elements of the unit. The next higher commander is kept informed of the unit's actions and status.
Not supportable in the SIMNET environment without major software modifications.		