

## **ISSUE: Pre-Combat Checks (PCCs) and Pre-Combat Inspections (PCIs)**

**DISCUSSION:** At the National Training Center, Battery PCCs and PCIs are routinely poor and often do not focus on the specific requirements of the current mission. Battery and Battalion TACSOPs either lack sufficient detail regarding both PCCs and PCIs or are not identified and followed. The battery commanders routinely do not develop appropriate mission specific PCCs and PCIs during mission analysis. Battery Commanders routinely specify PCCs from FM 3-09.70 or their TACSOP, but fail to specify when the PCIs will be complete, what PCIs leaders will conduct, and when those PCIs will be complete. PCCs are typically designated and prioritized without really conducting a thorough mission analysis. This results in PCCs and PCIs that do not support the Essential Field Artillery Tasks (EFATs) or Essential Battery Tasks (EBTs).

Often the PCCs and PCIs designated are not supported by realistic timelines nor is responsibility assigned for battery level checks. Establishing and ruthlessly enforcing a rigid timeline is something units have trouble accomplishing. Leaders at all levels do not adhere to established timelines for completion of the PCCs and PCIs. PCIs are often not conducted or the senior battery leadership conducted only cursory inspections.

**RECOMMENDATION:** Battery commanders need to place more emphasis on conducting PCCs and PCIs as part of home station training and add refined PCCs and to the battalion or battery SOPs. PCCs/PCIs ensure the sections are prepared for their essential tasks. PCIs give the senior leader a chance to instill confidence in the section that it will accomplish its mission by making sure the section chiefs understand and meet the standard. Battery commanders should address the problem in three areas within their troop leading procedures. FM 6-50 provides a general overview of the troop leading procedures and how PCCs/PCIs fit into the development of the battery plan.

First, incorporate the development of PCCs and PCIs into their battery mission analysis where the battery commander identifies his essential field artillery tasks (EFATs). He should use these tasks to decide in what areas the battery preparation should focus. He then prioritizes the checks in order to account for changes in the timeline or an unpredictable enemy. The unit SOP can aid the battery commander with a good array of mission specific PCCs.

Second, include the prioritized PCCs and PCIs in the battery warning order along with guidance for completion and verification. Specify the requirements, designate the level for accomplishment, and set the time for completion. Plan for and enforce a back brief, face to face or over the radio, from the senior leaders. By prioritizing the checks and inspections the operations officer, platoon leaders, platoon sergeants, and section chiefs are focused on the most critical tasks for the upcoming mission. This also allows for flexibility when the plan changes. By ensuring the most critical checks are completed first the commander enhances his mission readiness.

Third, supervise the completion of the PCCs/PCIs. This is the most critical step; however, it is the most ignored step. The battery commander cannot and should not conduct all of the inspections himself. By prioritizing the PCCs and PCIs he allows his subordinate leaders to

complete and verify the checks most important in accomplishing the EFATs. The commander can conduct specific inspections if time allows.

Adherence to the timeline is essential at this point. The commander must specify a completion time and must enforce this requirement. The battery commanders often allow their subordinates to violate the timeline and not report completion of the PCCs and PCIs. The priority of checks allows flexibility should the plan or timeline change but does not negate the requirement to inform the commander on the status of the preparation. PCCs and PCIs are not separate from the battery mission preparation but are an integral and important part of the Troop Leading Procedures. They are essential in focusing the battery effort and ensuring maximum preparation and maximum readiness while keeping wasted effort and distractions to a minimum.

## **SAMPLE PCCs THAT SUPPORT ESSENTIAL BATTERY TASKS**

### **NBC Operations**

**SECTION:**

- M256 KIT ON HAND
- M11/M13 DECONTAMINATION APPARATUS ON HAND
- MASKS AND HOODS FITTED AND CHECKED
- MOPP GEAR INVENTORIED AND ACCESSIBLE
- ALL NONESSENTIAL EQUIPMENT STOWED AND ALL EQUIPMENT COVERED
- SURVEY TEAM IDENTIFIED AND REHEARSED
- ANTIDOTE KITS ON HAND
- REHEARSE BUDDY AID PROCEDURES
- REVIEW HASTY DECONTAMINATION PROCEDURES

**PLATOON:**

- PMCS AND EMPLACE M8 ALARMS
- REHEARSE NBC REACTION DRILL AND TEAMS
- CHECK BOC PLOTTING CHEMICAL DOWNWIND MESSAGES AND REPORTING NBC HAZARD LOCATIONS TO ALL LEADERS
- REHEARSE CONTAMINATED CASUALTY EVACUATION (CASEVAC)
- COORDINATE DELIBERATE DECONTAMINATION PLAN WITH BATTALION
- MAP WITH CONTAMINATED ROUTES IN CASEVAC VEHICLE
- BOC HAS ALL MOPP EQUIPMENT SIZES FOR REORDER
- EXTRA FILTERS AND EXPENDABLES ON HAND

### **Air Threat**

**SECTION:**

- SET M2 HEADSPACE AND TIMING
- CLEAN M2
- TEST FIRE M2 (AS DIRECTED)
- PRACTICE CHANGING M2 BARRELS
- PRACTICE STOPPAGE AND IMMEDIATE ACTION DRILLS
- RANGE CARD ON HAND WITH AIR TRPs
- REVIEW AIRCRAFT THREAT CARDS

- \_\_\_ REVIEW BATTERY AIR ATTACK SIGNALS
  - \_\_\_ CHECK CAMOUFLAGE:
    - NETS SERVICEABLE/COVER VEHICLES
    - WINDSHIELDS, LIGHTS COVERED
    - NETS OFF M2
  - \_\_\_ VERIFY AIR DEFENSE ARTILLERY (ADA) WARNING WITH COS
  - \_\_\_ VERIFY SIGNAL FLAGS ARE ON HAND
  - \_\_\_ REHEARSE ADA MOVEMENT DRILLS
  - \_\_\_ REPORT COMPLETION OR PROBLEMS TO PLATOON SGT
- PLATOON:
- \_\_\_ ASSIGN AIR SECTORS OF FIRE
  - \_\_\_ ESTABLISH AIR TRPs
  - \_\_\_ VERIFY COVERAGE ON DEFENSE DIAGRAM
  - \_\_\_ ISSUE ADA WARNING TO COS
  - \_\_\_ CONDUCT AIR ATTACK REHEARSAL
  - \_\_\_ CONDUCT CASEVAC PCC
  - \_\_\_ POSITION OFF AIR AVENUES OF APPROACH
  - \_\_\_ MAXIMIZE DISPERSION
  - \_\_\_ COORDINATE FOR ADA COVERAGE WITH TOC

**Counterfire Threat**

**SECTION:**

- SURVIVABILITY POSITIONS DUG FOR EVERY SOLDIER
- OVERHEAD COVER FOR EVERY SOLDIER
- VERIFY AND RECONNOITER ALTERNATE POSITION AND ROUTE
- SANDBAG COLLIMATOR AND BURY WIRE
- CRATER ANALYSIS TEAM IDENTIFIED AND TRAINED
- REHEARSE HASTY DISPLACEMENT DRILL
- REHEARSE HASTY OCCUPATION
- CHECK CAMOUFLAGE (IF THREAT IS VISUAL)
  - NETS SERVICEABLE/COVER VEHICLES
  - WINDSHIELDS, LIGHTS COVERED
- INVENTORY AID BAG AND LITTERS
- MINIMIZE EQUIPMENT ON THE GROUND
- REPORT COMPLETION OR PROBLEMS TO PLATOON SERGEANT

**PLATOON:**

- MAXIMIZE DISPERSION
- POSITION IN DEFILADE, BUT AVOID HIGH ANGLE
- REQUEST ENGINEER SUPPORT
- IDENTIFY IMMEDIATE ACTION STATUS
- IDENTIFY VOLLEY TO MOVE CRITERIA
- FULLY PREPARE ALTERNATE POSITION
- REQUEST CRITICAL FRIENDLY ZONE (CFZ) FOR BATTERY
- CONDUCT CASEVAC PCC
- REHEARSE HASTY DISPLACEMENT AND OCCUPATION
- CHECK CLASS IV ON HAND

### Mounted Ground Threat

#### SECTION:

- SECTOR MARKED (DAY OR NIGHT) FOR CREW SERVED WEAPONS AND HOWITZER
- MEASURE/OBTAIN RANGES TO DEAD SPACE, KEY TERRAIN, AND TRPs
- SIGHT AND COMPUTE DATA TO TRPs FROM ALL WEAPONS
- COMPLETE RANGE CARDS FOR CREW SERVED WEAPONS, HOWITZER, AND AT-4
- REHEARSE DIRECT FIRE CREW DRILL
- PLAN KILLER JUNIOR FOR DEAD SPACE
- PMCS/FUNCTIONS CHECK ALL WEAPONS
- PMCS/FUNCTIONS CHECK ALL NIGHT SIGHTS/NIGHT VISION GOGGLES
- AMMUNITION ON HAND FOR ALL WEAPONS
- FIGHTING POSITIONS COMPLETE WITH OVERHEAD COVER
- REVIEW THREAT VEHICLE IDENTIFICATION
- VERIFY BORESIGHT ON DF TELESCOPE
- REPORT COMPLETION OR PROBLEMS TO PLATOON SERGEANT

#### PLATOON:

- POSITION OFF ENEMY AVENUES OF APPROACH
- ESTABLISH BATTERY ENGAGEMENT AREA WITH TRIGGERS AND TRPs
- IDENTIFY NATURAL TRPs OR EMPLACE TRPs; SURVEY TRPs
- FDC COMPUTES RANGE AND AZIMUTH TO EACH TRP
- FDC COMPUTES SELF ILLUMINATION TARGETS
- POSITION WEAPONS TO MAXIMIZE FIRES IN ENGAGEMENT AREAS
- REHEARSE TANK KILLER TEAMS AND REACTION FORCE
- REHEARSE CASEVAC

### Dismounted Threat

SAME AS MOUNTED GROUND THREAT PCC EXCEPT:

#### PLATOON:

- USE FORMATION TO MAXIMIZE PERIMETER SECURITY
- USE DEFENSIVE WIRE
- FOCUS ON 6400 MIL SECURITY
- USE PATROLLING

## CASEVAC Operations

### SECTION:

- COMBAT LIFESAVER BAGS COMPLETE
- CASUALTY COLLECTION POINT (CCP) IDENTIFIED AND BRIEFED
- LITTERS LOCATED AND CROSS LOADED
- STRAPS AND TIEDOWNS WITH THE LITTERS
- VERIFY COMMUNICATIONS WITH THE BOC
- VERIFY BATTLE ROSTER FOR ALL PERSONNEL
- DA FORM 1155/1156 FILLED OUT AND IN AID POUCH
- REHEARSE BUDDY AID PROCEDURES
- ACCOUNT FOR SECTION PERSONNEL IN AND OUT OF POSITION

### PLATOON:

- PRE-COMBAT INSPECTION SECTION CHECKS
- REHEARSE CASEVAC IN EACH POSITION
- IDENTIFY BOC REPRESENTATIVE TO COLLECT BATTLE ROSTER AT CCP
- CONDUCT COMMUNICATIONS CHECKS ON A/L WITH BATTALION AND WITH CASEVAC VEHICLE
- ENSURE BOC UPDATES AND DISSEMINATES ALL ACTIVE AMBULANCE EXCHANGE POINTS TO LEADERS
- MAP WITH AMBULANCE EXCHANGE POINTS IN CASEVAC VEHICLE

## PCCs TO SUPPORT ESSENTIAL FIELD ARTILLERY TASKS

### SCATMINE

### SECTION:

- SCATMINE DISTRIBUTED IN ACCORDANCE WITH FDC GUIDANCE; REPORT NUMBER OF RAAMS AND ADAMs
- CORRECT FUZES AND POWDERS ON HAND; LOTS REPORTED TO FDC
- AMMUNITION LOADED IN ACCORDANCE WITH PLAN: SHOOT FROM GROUND, AMMUNITION VEHICLE, OR GUN?
- CONDUCT FULL-UP REHEARSAL
- SURVIVABILITY MOVE PLAN REHEARSED
- COUNTERFIRE REACTION DRILL REHEARSED

### FDC:

- COMPUTE AIMPOINTS
- DIRECT AMMUNITION BREAKDOWN BY GUN AND VERIFY
- CONDUCT FULL-UP TECHNICAL REHEARSAL; REPORT REHEARSED
- EMPLACEMENT TIME TO BATTALION S3
- PLOT AIMPOINTS ON CHART AND VERIFY

### PLATOON/BATTERY:

- PREPARE ALTERNATE POSITION COMPLETELY
- BRIEF IMMEDIATE ACTION STATUS

## Copperhead

### SECTION:

- \_\_\_ COPPERHEAD TRAINER ON HAND
- \_\_\_ EXECUTE DRY FIRE MISSION AND ROUND INSPECTION IN ACCORDANCE WITH PLATOON LEADER'S TIMELINE
- \_\_\_ INSPECT ACTUAL COPPERHEAD IN ACCORDANCE WITH -10 TM
- \_\_\_ VERIFY AND REPORT POWDER TEMPERATURE IN ACCORDANCE WITH PLATOON LEADER'S TIMELINE
- \_\_\_ CAPTURE MVV; RECEIVE EXPECTED MUZZLE VELOCITY FROM FDC
- \_\_\_ VERIFY PULSE REPETITION FREQUENCY (PRF) CODE WITH FDC

### PLATOON:

- \_\_\_ ESTABLISH COPPERHEAD TIMELINE FROM TRAINER REHEARSAL TO READY TO FIRE TIME
- \_\_\_ CONDUCT VERIFICATION MISSION AFTER MET OR OTHER CHANGES
- \_\_\_ VERIFY PRF CODE WITH OBSERVER
- \_\_\_ VERIFY ANGLE  $T < 800$  MILS

## Smoke

### SECTION:

- \_\_\_ AMMUNITION DISTRIBUTED IN ACCORDANCE WITH FDC GUIDANCE; REPORT NUMBER OF ROUNDS BY LOT
- \_\_\_ CORRECT FUZES AND POWDERS ON HAND AND REPORTED TO FDC
- \_\_\_ AMMUNITION LOADED IN ACCORDANCE WITH PLAN SEGREGATED BY LOT
- \_\_\_ CONDUCT FULL-UP REHEARSAL
- \_\_\_ SURVIVABILITY MOVE PLAN REHEARSED
- \_\_\_ COUNTERFIRE REACTION DRILL REHEARSED

### FDC:

- \_\_\_ VERIFY AIMPOINTS, PLOT AND CHECK FOR INTERVENING CRESTS
- \_\_\_ RANGE VERIFIED FOR PROPELLANT DISTRIBUTED
- \_\_\_ ENSURE M825 WORKAROUND CONDUCTED PROPERLY
- \_\_\_ SITE VERIFIED (NO GUNS HAVE A SITE TO CREST ISSUE)
- \_\_\_ DIRECT AMMUNITION BREAKDOWN BY GUN AND LOT; VERIFY WITH PLATOON SERGEANT/PLATOON LEADER
- \_\_\_ CONDUCT FULL-UP TECHNICAL REHEARSAL; REPORT REHEARSED TIME TO BATTALION S3/FDO
- \_\_\_ COMPENSATE FOR ALL NONSTANDARD CONDITIONS

### PLATOON/BATTERY:

- \_\_\_ PREPARE ALTERNATE POSITION COMPLETELY
- \_\_\_ BRIEF IMMEDIATE ACTION STATUS

## Massing

### SECTION:

- \_\_\_ AMMUNITION DISTRIBUTED IAW FDC GUIDANCE; REPORT NUMBER OF ROUNDS BY LOT
- \_\_\_ CORRECT FUZES AND POWDERS ON HAND AND REPORTED TO FDC
- \_\_\_ AMMUNITION LOADED IN ACCORDANCE WITH PLAN SEGREGATED BY LOT
- \_\_\_ CONDUCT FULL-UP REHEARSAL
- \_\_\_ MEASURE AND REPORT POWDER TEMPERATURE OF MASSING LOT EVERY 30 MINUTES
- \_\_\_ REHEARSE CHANGING AIMING REFERENCE POINTS
- \_\_\_ STORE MASSING AMMUNITION UNIFORMLY
- \_\_\_ VERIFY BORESIGHT

### FDC:

- \_\_\_ DETERMINE AMMUNITION REQUIREMENTS
- \_\_\_ DIRECT AMMUNITION BREAKDOWN BY GUN AND LOT; VERIFY WITH PLATOON SERGEANT/PLATOON LEADER
- \_\_\_ CONDUCT FULL-UP TECHNICAL REHEARSAL; REPORT REHEARSED TIME TO BATTALION S3/FDO
- \_\_\_ COMPENSATE FOR ALL NONSTANDARD CONDITIONS; MEET REQUIREMENTS FOR ACCURATE PREDICTED FIRE

### PLATOON/BATTERY:

- \_\_\_ PREPARE ALTERNATE POSITION COMPLETELY
- \_\_\_ BRIEF IMMEDIATE ACTION STATUS
- \_\_\_ SURVEY IN POSITION AND GUNS
- \_\_\_ VERIFY UNIFORM STORAGE OF MASSING LOTS

## Table L-11. Artillery Raid

### SECTION:

- \_\_\_ AMMUNITION LOADED IAW MISSION
- \_\_\_ CONDUCT MAP RECONNAISSANCE OF ROUTE AND POSITION
- \_\_\_ BRIEF ROUTE TO ALL PERSONNEL
- \_\_\_ RECOVERY PLAN UNDERSTOOD
- \_\_\_ TARGETS BRIEFED AND REHEARSED WITH FDC
- \_\_\_ ALL VEHICLES TOPPED OFF WITH FUEL
- \_\_\_ PMCS VEHICLES AND HOWITZERS
- \_\_\_ MOVEMENT FORMATION PLAN REHEARSED
- \_\_\_ DO THREAT PCC FOR LIKELY THREATS
- \_\_\_ CHECK ALL NIGHT VISION GOGGLES, NIGHT SIGHTS, AND LIGHTING DEVICES (IN SECTION COLOR)

### PLATOON:

- \_\_\_ RECONNOITER (MINIMUM MAP RECONNAISSANCE) ROUTE AND POSITION AREA; BRIEF LEADER'S PLAN IN DETAIL
- \_\_\_ CONDUCT IPB) OF POSITION AREA WITH S2; DIRECT APPROPRIATE THREAT PCCs
- \_\_\_ VERIFY RECOVERY PLAN

- REHEARSE CASEVAC PLAN
- TAKE MISSION ESSENTIAL VEHICLES ONLY
- VERIFY SURVEY PLAN FOR UNIT AND RADAR
- PLAN AND TRACK REQUIRED LOGISTICS SUPPORT
- REHEARSE SECURITY PLAN
- REHEARSE ACTIONS ON OBJECTIVE

## PERSONNEL AND EQUIPMENT PCCs

### INDIVIDUAL PREPARATION FOR COMBAT

- LOAD -BEARING EQUIPMENT (LBE) COMPLETE
- FIRST AID PACKET COMPLETE
- EAR PLUGS
- CANTEEN FULL W/M17 DRINKING CAP
- HELMET W/ CAMOUFLAGE COVER AND BAND
- WEAPONS ZERO
- DA 1156 CASUALTY FEEDER W/ BATTLE ROSTER
- DA 1155 WITNESS STATEMENT
- FLACK VEST
- FLASH LIGHT W/ FILTERS AND BATTERIES
- NBC INDIVIDUAL EQUIPMENT SERVICEABLE:
  - PROTECTIVE MASK W/ CARRIER
  - OPTICAL INSERTS (IF REQUIRED)
  - ANTI-FOGGING KIT
  - HOOD
  - CHEMICAL COVER
  - M258A1 DECONTAMINATION KIT
  - M8/M9 DETECTOR PAPER
  - PROTECTIVE CLOTHING (SUIT, BOOTS, GLOVES)
- CURRENT MOPP IMPLEMENTED
- INDIVIDUAL WEAPON W/ LOADED MAGAZINES  
AND BASIC LOAD OF AMMUNITION
- IDENTIFICATION TAGS AROUND NECK
- IDENTIFICATION CARD
- DRIVER'S LICENSE
- CHALLENGE AND PASSWORD CONFIRMED

**First Sergeant**

<input type="checkbox"/> INDIVIDUAL PRE COMBAT INSPECTIONS (PCI) COMPLETED (SUPPORT PERSONNEL)
<input type="checkbox"/> LP/OP BRIEFED/POSITIONED
<input type="checkbox"/> BATTERY DEFENSE CHECKED
<input type="checkbox"/> FIELD SANITATION ENFORCED
<input type="checkbox"/> HELIPAD IDENTIFIED/MARKED
<input type="checkbox"/> CCP IDENTIFIED
<input type="checkbox"/> ACCOUNTABILITY OF PERSONNEL TO ALOC
<input type="checkbox"/> ACCOUNTABILITY OF SENSITIVE ITEMS TO ALOC
<input type="checkbox"/> VEHICLE STATUS TO ALOC

**Platoon Leader**

STAND TO:
<input type="checkbox"/> SITUATION BRIEF
<input type="checkbox"/> CHALLENGE/PASSWORD

**Platoon Sergeant**

<input type="checkbox"/> VERIFY PERIMETER DEFENSE
<input type="checkbox"/> LP/OPs CHECKED
<input type="checkbox"/> EARLY WARNING DEVICES

**Gunnery Sergeant**

<input type="checkbox"/> ACCOUNTABILITY OF AIMING CIRCLES
<input type="checkbox"/> ADVANCE PARTY BAGS COMPLETE

### Chief of Section

#### FIGHTING / SURVIVABILITY POSITION:

- INDIVIDUAL PCIs COMPLETED
- M2/M60/M19 PCIs COMPLETE
- RANGE CARD PREPARED
- AIMING STAKES IN PLACE
- FLANK AND OVERHEAD COVER IN GOOD REPAIR
- GRENADE SUMP CLEAN AND FREE OF DEBRIS
- BRIEF ON SITUATION
- CONFIRM CHALLENGE AND PASSWORD
- PERSONNEL ACCOUNTABILITY
- SENSITIVE ITEMS
- VEHICLE STATUS
- WEAPONS STATUS

#### CAMOUFLAGE:

- ALL VEHICLES/ EQUIPMENT/ POSITIONS
- NETS NOT TOUCHING
- GLASS AND MIRRORS COVERED
- LOAD PLAN CHECKED

### Howitzer Section Chief

#### PMCS:

- INTERCOMMUNICATION SYSTEM
- HYDRAULIC POWER PACK
- REPLENISHER SYSTEM PRESSURE (17-24 psi)
- RECUPERATOR
- RECOIL SYSTEM
- VERIFY AMMUNITION COUNT ON DA FORM 4513
- SEND CURRENT AMMUNITION COUNT TO FDC
- SEND POWDER TEMPERATURE TO FDC

### Gunner

#### PMCS:

- FIRE EXTINGUISHER BOTTLES
- TRAVERSING MECHANISM
- ELEVATING MECHANISM
- TELESCOPE MOUNT M145
- PANORAMIC TELESCOPE
- COLLIMATOR
- REFERENCE POINTS VERIFIED
- PRIORITY TARGET DATA RECORDED
- VERIFY BORESIGHT WITH M140 ALIGNMENT DEVICE

### Number One Cannoneer

PMCS:

- RAMMER
- BREECH OPENING CAM AND ROLLERS
- FIRING MECHANISM, FIRING BLOCK ASSEMBLY
- PRIMER CHAMBER
- BREECHBLOCK
- OBTURATOR SPINDLE
- IDENTIFY TUBE CONDITION

### Number Two Cannoneer

PMCS:

- BUSTLE RACK
- MUZZLE BRAKE
- M140 ALIGNMENT DEVICE
- SPADES
- AMMUNITION SEGREGATED BY LOT
- AMMUNITION COUNT

### Driver

PMCS:

- FIXED FIRE EXTINGUISHER
- ROAD WHEELS, IDLER WHEELS, TRACK TENSION
- TRAVEL LOCK
- PARKING BRAKE
- FUEL FILTERS
- FUEL LEVEL
- COOLING SYSTEM
- ENGINE OIL LEVEL
- TRANSMISSION LEVEL
- INSTRUMENTS AND GAUGES
- STEERING
- BATTERIES
- FINAL DRIVES

### M2/M60/MK-19 Gunner

- PMCS PERFORMED
- SPARE BARRELS, CLEANING TOOLS, GLOVES AND RUPTURED-CARTRIDGE EXTRACTORS PRESENT
- HEAD SPACE AND TIMING GAUGE SERVICEABLE
- HEAD SPACE AND TIME SET ON M2 MACHINE GUN
- MACHINE GUN PROPERLY MOUNTED TO INCLUDE LOCK AND PINS
- FUNCTION CHECK PERFORMED
- AMMUNITION BASIC LOAD PRESENT
- RANGE CARD PREPARED
- VERIFY LEFT AND RIGHT LIMITS

### Vehicle Preparation for Combat

#### DRIVER:

- PMCS PERFORMED
- TOPPED OFF
- LOAD PLAN PRESENT
- LOADED ACCORDING TO LOAD PLAN
- POL PACKAGED PRODUCTS (INCLUDING WEAPONS OIL)
- WATER CAN FULL
- MRE/RATIONS STOWED
- WEAPONS CLEANING KITS
- ON-VEHICLE MATERIAL (OVM) CLEAN AND SERVICEABLE
- BASIC ISSUE ITEMS PRESENT
- SPARE TRACK BLOCKS
- FIRST AID KITS COMPLETE
- TOOLS AND TOOL KITS
- FIRE EXTINGUISHERS (FIXED AND PORTABLE) SEALED, TAGGED AND UPDATED
- M13/M11 DECONTAMINATION APPARATUS SERVICEABLE AND MOUNTED
- 2-4 QUARTS OF DS-2/VEHICLE PRESENT
- GOGGLES
- INTERIOR CLEAN AND ORDERLY

### NBC Equipment: NBC Representative Check

- INDIVIDUAL PCIs COMPLETED
- AUTOMATIC CHEMICAL AGENT ALARMS ARE EMPLACED AND OPERATIONAL WITH 400 METERS WD-1 WIRE
- PMCS PERFORMED ON M8A1
- M229 REFILL KIT ISSUED FOR EACH M8A1 AUTOMATIC CHEMICAL AGENT ALARM
- ONE COMPLETE AND SERVICEABLE M256/M256A1 CHEMICAL AGENT DETECTOR KIT ISSUED PER SECTION
- IM-174 SERIES RADIACMETERS ISSUED
- TWO SETS OF BATTERIES ISSUED FOR EACH IM-174
- IM-93/147 RADIAC METERS (DOSIMETERS) ISSUED
- GTA 3-6-2 NBC WARNING/REPORTING SYSTEM ISSUED
- PYRIDOSTIGMINE BROMIDE TABLETS AND NERVE AGENT ANTIDOTE AVAILABLE TO DISTRIBUTE TO PERSONNEL
- NBC MARKING SET PRESENT
- NBC TEMPLATES ON HAND

### Medic

- INSPECT AID BAG

### Communications

INDIVIDUAL PCIs COMPLETED (PLATOON)  
PMCS COMPLETE:  
 SPARE COMMUNICATIONS EQUIPMENT  
 COMMUNICATIONS PLATOON VEHICLES  
 ALL SENSITIVE ITEMS ACCOUNTED FOR  
 COORDINATED PICK UP/TURN IN OF SOIs  
 COORDINATED PICK UP/TURN IN OF COMSEC EQUIPMENT  
 COORDINATED PICK UP/TURN IN OF COMMUNICATIONS EQUIPMENT

### Fire Direction Officer

VERIFY BCS DATA BASE:  
 AFU;UPDATE  
 BCS;PIECES  
 AFU;BAMOUP  
 AFU;REG  
 MVV FILE  
 MET;CM  
 BCS;SWITCHES  
 FIRE PLAN FILE  
 TARGET KNOWN POINT FILE  
 SECONDARY CHECKS MEET TOLERANCE  
 DIGITAL/VOICE COMMUNICATIONS WITH GUNS  
 COMMUNICATIONS WITH BOC  
 PRIORITY TARGETS/FPFs (UPDATED)

### Fire Direction Chief

UPDATE FILE  
 AMMUNITION FILE  
 MVV FILE  
 REGISTRATION FILE  
 MET FILE  
 TARGET KNOWN POINT FILE

### M577 Preparation for Combat

DRIVER:  
 PMCS PERFORMED  
 TOPPED OFF  
 LOAD PLAN PRESENT  
 LOADED ACCORDING TO LOAD PLAN  
 POL PACKAGED PRODUCTS (INCLUDING WEAPONS OIL)  
 WATER CAN FULL  
 MEALS READY TO EAT/RATIONS STOWED  
 WEAPONS CLEANING KITS  
 OVM CLEAN AND SERVICEABLE  
 BASIC ISSUE ITEMS PRESENT  
 SPARE TRACK BLOCKS  
 FIRST AID KITS COMPLETE  
 TOOLS AND TOOL KITS

- FIRE EXTINGUISHERS (FIXED AND PORTABLE) SEALED, TAGGED, AND UPDATED
- M13/M11 DECONTAMINATION APPARATUS SERVICEABLE AND MOUNTED
- 2-4 QUARTS OF DS-2/VEHICLE PRESENT
- GOGGLES
- INTERIOR CLEAN AND ORDERLY
- INTERCOMMUNICATIONS SYSTEM

**Radio-Telephone Operator (Communications Equipment)**

- PMCS COMPLETE:
- RADIOS
  - ANTENNA
  - MULTIPLEXER
  - SECURE EQUIPMENT
  - KYK-13 ACCOUNTED FOR/PRESENT
  - CALL SIGN BOARD PRESENT/CURRENT
  - PROPER FREQUENCIES SET
  - MULTIPLEXER SET/TUNED
- NET CALL COMPLETE:
- FIRE SUPPORT COORDINATION NET
  - FIRE DIRECTION NET
  - TA-312/ TA PRESENT, OPERATIONAL WITH BATTERIES
  - AN/GRA-39 OPERATIONAL WITH BATTERIES, DR-8s
  - BLANK REPORT FORMS ON HAND
- SPARE EQUIPMENT AVAILABLE:
- HAND MICROPHONES
  - HEADSETS
  - ANTENNAS
  - BATTERIES

**Generator Operator**

- PMCS PERFORMED
- TOPPED OFF
- PROPERLY MOUNTED

**Vehicle Commander**

- VEHICLE PMCS COMPLETE:
- AUTOMOTIVE
  - GENERATOR
  - COMMUNICATIONS
  - ARMAMENT
  - CURRENT SOI
  - GREASE/WATERPROOF MARKERS
  - PEN/PENCIL
  - NOTEBOOK
  - BINOCULARS PRESENT/SERVICEABLE
  - NIGHT VISION DEVICES PRESENT/SERVICEABLE
  - SPARE BATTERIES PRESENT
  - COMPASS PRESENT/SERVICEABLE/DECLINATED
  - CVC HELMET OPERATIONAL

- MAP AND OVERLAY
- GOGGLES
- HEADSPACE AND TIMING CHECKED ON M2 MACHINE GUN
- VEHICLE LOAD PLAN CHECKED