

Appendix E

Precombat Inspections

Combat missions start with PCIs. These PCIs are an essential part of every mission. The objective of PCIs is to confirm the combat readiness of the unit. Subordinate leaders conduct detailed checks, allowing the unit leader to conduct PCIs in an atmosphere of total preparedness. After the PCI, the unit is prepared to move on the receipt of orders.

MODIFIED PRECOMBAT INSPECTION CHECKLIST

E-1. A modified PCI checklist (*Figure E-1, page E-2*) ensures that the team has the required equipment to conduct its mission when the unit is short on time. The modified PCI allows the team leader to focus on preparing the team for the mission, while the platoon leader issues the mission to the squad leader. Use the checklist as a recovery checklist when the team returns from the mission. Immediate, proper recovery ensures that the team is ready for the next mission. This checklist is only a guide and can be modified based on METT-TC and the unit SOP.

| Steps | Actions |
|-------|--|
| 1 | The squad leader and the team leader receive the WO. |
| 2 | The team leader prepares the squad for movement, while the squad leader is receiving the mission from the platoon leader. |
| 3 | The team leader follows the same checklist, while the squad leader debriefs the platoon leader if recovering from a mission. |
| 4 | <p>The team leader inspects the communications equipment and ammunition in HMMWVs. He—</p> <ul style="list-style-type: none"> • Conducts a communications check with the platoon CP. • Ensures that proper frequencies are set and that call signs are available. • Ensures that there is a Single-Channel, Ground-to-Air Radio System (SINCGARS), a manpack, accessories, and a battery case. • Ensures that there are batteries for the radios (automated net control device [ANCD], precision lightweight global positioning system receiver [PLGR], OE-254). • Ensures that the Class V basic load is accounted for. |
| 5 | <p>The driver conducts preoperation checks and services on the vehicle. He ensures that—</p> <ul style="list-style-type: none"> • The correct paperwork is completed, such as the dispatch, folder, and signature. Ensures that the correct TM is on hand. • He has a valid driver's license. • Preventive-maintenance checks and services (PMCS) are performed to a -10 standard. • A current <i>DA Form 2404</i> is on hand. • The fire extinguisher is sealed, tagged, and dated. • The engine's coolant, oil, transmission fluid, and washer fluid are at the correct level. • The battery level is correct and that cables are secured. • Lights are operational. • Fuel and water cans are filled and that there are meals, ready-to-eat (MREs) available. • There are no exhaust leaks. • Basic-issue item (BII), on-vehicle material (OVM), pioneer tools, locks, and chains are present on the vehicle. • The load plan is followed and that the vehicle's interior is clean. |

Figure E-1. Modified PCI Checklist

E-2 Precombat Inspections

| Steps | Actions |
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| 6 | <p>The gunner conducts preoperation checks and services on the crew-served weapon and NBC equipment. He ensures that—</p> <ul style="list-style-type: none"> • A TM for the equipment (-10) is available. • The weapon is oiled, cleaned, and functional. • There is a spare barrel and BII. • There is a T&E mechanism. • There is a wrench. • There is a tripod mount with an adapter. • There are weapon cleaning kits present. • There are night vision devices (NVDs) present. • All the NBC equipment is present and serviceable. |

Figure E-1. Modified PCI Checklist (Continued)

PRECOMBAT INSPECTION CHECKLIST

E-2. This PCI checklist is extensive and time-consuming. Use it when the team has a lot of downtime and has a secure environment in which to work. Once combat operations begin, the secure environment and the downtime will be lost. *Figure E-2, page E-4*, is a draft checklist, which may be modified to meet the needs of the unit.

| Steps | Actions |
|-------|--|
| 1 | <p>Soldiers. Soldiers should ensure that they—</p> <ul style="list-style-type: none"> • Have a seasonal uniform. The uniform should include the following: <ul style="list-style-type: none"> ■ Load-carrying equipment (LCE) that is complete. ■ First aid packet. ■ Canteens that are full and have a M17 drinking cap. ■ M40 with a hood, M258A1 kit, M13 kit, and optical inserts (if required). ■ Kevlar with a camouflage cover and band. ■ Individual weapon with 6 magazines. ■ ID tags around the neck and ID cards. ■ Ear plugs. • Have been briefed on the current situation and the mission. • Possess a current driver's license. • Have been briefed on hot- and cold- weather injuries. <p>Leaders. Leaders should conduct a safety briefing, to include—</p> <ul style="list-style-type: none"> • Checking for hazards, such as ticks, chiggers, and spiders, and taking preventive first aid measures. • Checking for snake hazards and ensuring that there is first aid. • Checking for poisonous plants, such as oak, ivy, and sumac. • Checking for hot- and cold- weather injuries and preventing them. • Ensuring that correct driving practices are followed, to include— <ul style="list-style-type: none"> ■ Speed in relation to the weather. ■ Ground guides. ■ Seat belts. ■ Blackout driving. ■ Gunner positioning (goggles). • Ensuring that equipment is set up, such as camouflage nets or tents. • Ensuring that there are fire-prevention vehicles and tents. • Taking appropriate actions during severe weather. • Using pyrotechnics. • Using the buddy system for safety and during the mission. |

Figure E-2. Extensive PCI Checklist

| Steps | Actions |
|-------|---|
| | <p>Vehicle commander, squad leader, or team leader. The vehicle commander, squad leader, or team leader ensures that—</p> <ul style="list-style-type: none"> • There is a map with a current overlay. • There is a current SOI. • Includes the following in the leader packet: <ul style="list-style-type: none"> ■ A unit tactical standing operating procedure (TACSOP). ■ Map markers. ■ Overlay sheets. ■ A notebook and a pen or a pencil. ■ A route reconnaissance GTA card. ■ A bridge classification GTA card. ■ A call for-fire GTA card. ■ A rigging GTA card. ■ An NBC GTA card. ■ An <i>EPW GTA card (GTA 19-7-1)</i>. ■ Flex cuffs for EPWs. ■ <i>A DD Form 1408.</i> ■ <i>A DA Form 4137.</i> ■ <i>A DA Form 3975.</i> ■ <i>A DD Form 2708.</i> ■ <i>A DA Form 3881.</i> ■ <i>A DA Form 2823.</i> ■ A compass and a wrist watch. ■ Batteries for all the equipment. ■ Binoculars. ■ NVGs. ■ A sensitive item serial number list (radio, weapons, NVGs, and so forth). |
| 2 | <p>Vehicles.</p> <ul style="list-style-type: none"> • Tie down all the items according to the load plan, and ensure that— <ul style="list-style-type: none"> ■ There is space left for ammunition. ■ The TA-50 is loaded. ■ The MOPP chemical protective overgarment (CPOG) is stored for ready access. ■ The gas tank is topped off. ■ There are POL package products and weapon oil. ■ Water cans are full. |

Figure E-2. Extensive PCI Checklist (Continued)

| Steps | Actions |
|-------|---|
| | <ul style="list-style-type: none"> ■ Spare fuel cans are full and tied down. ■ MRE rations are inventoried and stored. ■ There are weapon-cleaning kits. ■ The OVM is stored and serviceable. ■ There are chock blocks. ■ That a complete first aid kit is available. ■ A TM for the equipment (-10) on hand. ■ A vehicle dispatch packet and a <i>DA Form 2404</i> are available. ■ There are tools and tool kits. ■ There are tire chains. ■ The spare tire is properly stowed. • Perform a premovement inspection and ensure that— <ul style="list-style-type: none"> ■ There is a current TM (-10) on hand. ■ There are no fuel leaks. ■ The fire extinguisher is sealed, tagged, and dated. ■ The engine coolant level is correct. ■ The oil level is correct. ■ The transmission fluid level is correct. ■ The battery level is correct and the cables are tight. ■ The air filter is clean and secure. ■ The lights are operational. ■ There are no exhaust leaks. ■ The fuel filter is drained. ■ Warning triangles are on hand. ■ The canvas is attached and tied down. ■ The gauges are functional. ■ The tire pressure is correct. ■ The vehicle service is current. ■ The interior of the vehicle is clean and orderly. |
| 3 | <p>Crew-served weapons. Ensure that—</p> <ul style="list-style-type: none"> • All mounting equipment is present. • The TM for the weapon (-10) is available. • There is a spare barrel and BII (such as gloves, a T&E mechanism, a wrench, a blank adapter, a tripod mount with an adapter, and a cleaning kit). • The NVDs are operational. • The tripod is clean and serviceable. • The weapons are mounted with pins. |

Figure E-2. Extensive PCI Checklist (Continued)

| Steps | Actions |
|-------|---|
| 4 | <p>Communications equipment. Ensure that—</p> <ul style="list-style-type: none"> • Radios (vehicles or manpacks)— <ul style="list-style-type: none"> ■ Are operational. ■ Are secure. ■ Have the proper frequency setting. ■ Have a matching unit operational/set. ■ Have an antenna with the tip protector tied down. ■ Have connectors that are clean and serviceable. ■ Have batteries available. ■ Have the TM for the equipment (-10) is on hand. ■ Have cleaning materials available (such as cotton swabs, alcohol, steel wool, and so forth). • The field telephone (TA 312) is operational. • The digital nonsecure voice terminal (DNVT) with wire is operational (communication). • The appropriate phone listing is available. • Radio antennas (OE 254s) are complete. • Communication test sets, including tools, are on hand. • Frequencies, call signs, challenges, and passwords are disseminated. • Each team has one SINCGARS manpack for quick-dismount operations. |
| 5 | <p>NBC equipment.</p> <ul style="list-style-type: none"> • Ensure that protective clothing is complete and serviceable. • Ensure that the M40 is complete, such as— <ul style="list-style-type: none"> ■ M13 deconnaissance kit. ■ M258A1 deconnaissance kit. ■ M256 detector kit. ■ M8 detector paper. ■ M9 detector paper. ■ Antifogging kit. ■ Hood. ■ Optical inserts, if needed. ■ Waterproof bag. |

Figure E-2. Extensive PCI Checklist (Continued)

| Steps | Actions |
|-------|---|
| | <ul style="list-style-type: none">• Ensure that the mask and hood are serviceable.• Implement the proper MOPP level.• Brief the threat condition.• Ensure that nerve agent antidotes are available.• Issue and mount M11 decontamination apparatus, to include the following:<ul style="list-style-type: none">■ Two DS2 cans per vehicle.■ An M8 alarm.■ An M229 refill kit for each M8.• Ensure that NBC defense equipment is available, such as—<ul style="list-style-type: none">■ An M256 agent detector kit.■ An M 174 RADIAC meter.■ Two sets of batteries for the IM 174.■ An IM 93/147 RADIAC meter (dosimeter).■ A PP 157A RADIAC charger 1/IM 93/147.■ NBC contamination signs (marking kits). |

Figure E-2. Extensive PCI Checklist (Continued)