



PROGRAM EXECUTIVE OFFICE SOLDIER

THE BEST
FOR THE BEST

Modern Army Combatives Kit

Advanced Planning Brief for Industry

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Clothing and Individual Equipment
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Description



The MACK is a training kit that will enable units to conduct realistic training in accordance with the Modern Army Combative Program.

It allows Soldiers to experience the physical and emotional demands of hand-to-hand fighting prior to engaging in combat.

Currently, there is no such kit in the U.S. Army inventory.



Capabilities and Objectives



- Capabilities
 - Realistic training
 - Enhances Soldiers' situational awareness
 - Enhances Warrior Ethos
 - Injury Reduction
- Objective
 - Enhance the CSA directed Modern Army Combative Program (MCAP) by providing equipment to conduct safe, realistic combative training





Examples of MACK in Various Scenarios





System Descriptions



- Component Materials: foam, plastic, Plexiglas, leather and polyester
- Color: Black
- Size: Four Sizes (S, M, L, XL)
- Status: CSS STRAP is being staffed at Army Training Support Command and reply is expected May 08





MACK Kit



- (6 each) High Gear suits
- (4 each) Carbine M4 red training guns
- (4 each) Beretta 9MM training guns
- (4 each) Red training knives
- (18 pair) Thigh pads
- (18 pair) Big pad shields
- (8 each) Head gear
- (8 each) Groin protectors
- (18 pair) 16oz boxing gloves
- (18 pair) Punch mitts
- Storage/Transport Bags



Components



HEAD GEAR

- ▶ State-of-the-art design with integrated smart foams to protect the chin, jaw, cheekbone and eye-socket
- ▶ Full Plexi-Glass shield rests on a 100% leather encased, molded 1/4" HMWPE plastic frame with four adjustable straps for secure fit
- ▶ **Marking cartridge helmet option available**



THROAT GUARD

- ▶ Form fitting, contoured plastics and padding ergonomically rest against the windpipe & throat
- ▶ Offers additional protection from accidental strikes to the throat

TORSO PROTECTOR

- ▶ Unprecedented mobility unavailable in any other chest guard on the market.
- ▶ Wrap around protection for the critical floating rib and solar plexus region.
- ▶ Smart foams and plastic trauma plate inserts protect the brachial tie-in, shoulder, clavicle and spinal regions



COMBAT GLOVES

- ▶ 100% Leather, open palm design for excellent sensitivity for weapon and transition to prisoner handling.
- ▶ Plastic trauma plates protect the metacarpals and thumb from shock damage during training



ELBOW/ULNA PADS

- ▶ Innovative design provides extended protection to the ulna, forearm, elbow and triceps region
- ▶ Designed for delivering forearms & elbows during CQC, crowd penetration or ground & pound



COMBAT SHORTS

- ▶ Lightweight one piece design with heavy duty lycra covering offers flexible protection for the complete upper thigh, hip and tailbone.
- ▶ Internal padding and trauma plates allow movement to grapple, kick, run or sit



SHIN/KNEE PADS

- ▶ Wrap-around design protects the calf and knee cap
- ▶ Additional cushioning for the MCL and LCL ligaments.
- ▶ Lightweight, tight fitting with plastic trauma shields to protect the shin bone and top of the foot.



PERONEAL NERVE PADS

- ▶ Additional padding for knee and shin kicks to the nerve clusters above the knee
- ▶ Fills the gap between the top of the shin pads and the bottom of the combat shorts.



MACK vs. REDMAN



MACK

- MCR version (sold separately) is compliant with Simunitions, AirSoft & UTMs
- Available in 4 sizes
- 3 minutes to GEAR up
- 8 components
- Weights 7.5 lbs.



REDMAN

- Compliant only with Simunitions (sold separately)
- Available in 2 sizes (L, XL)
- 15 minutes to GEAR up
- 13 components
- Weight 15 lbs.



Status



- Initiated user evaluations at installations active in the combatives program (Forts Stewart, Campbell, Bragg, Riley, Lee, and Knox)
- Long-term plans includes fielding to each battalion in the Army
- CSS STRAP revision initiated by Directorate of Training Mar 08



Persons of Contact



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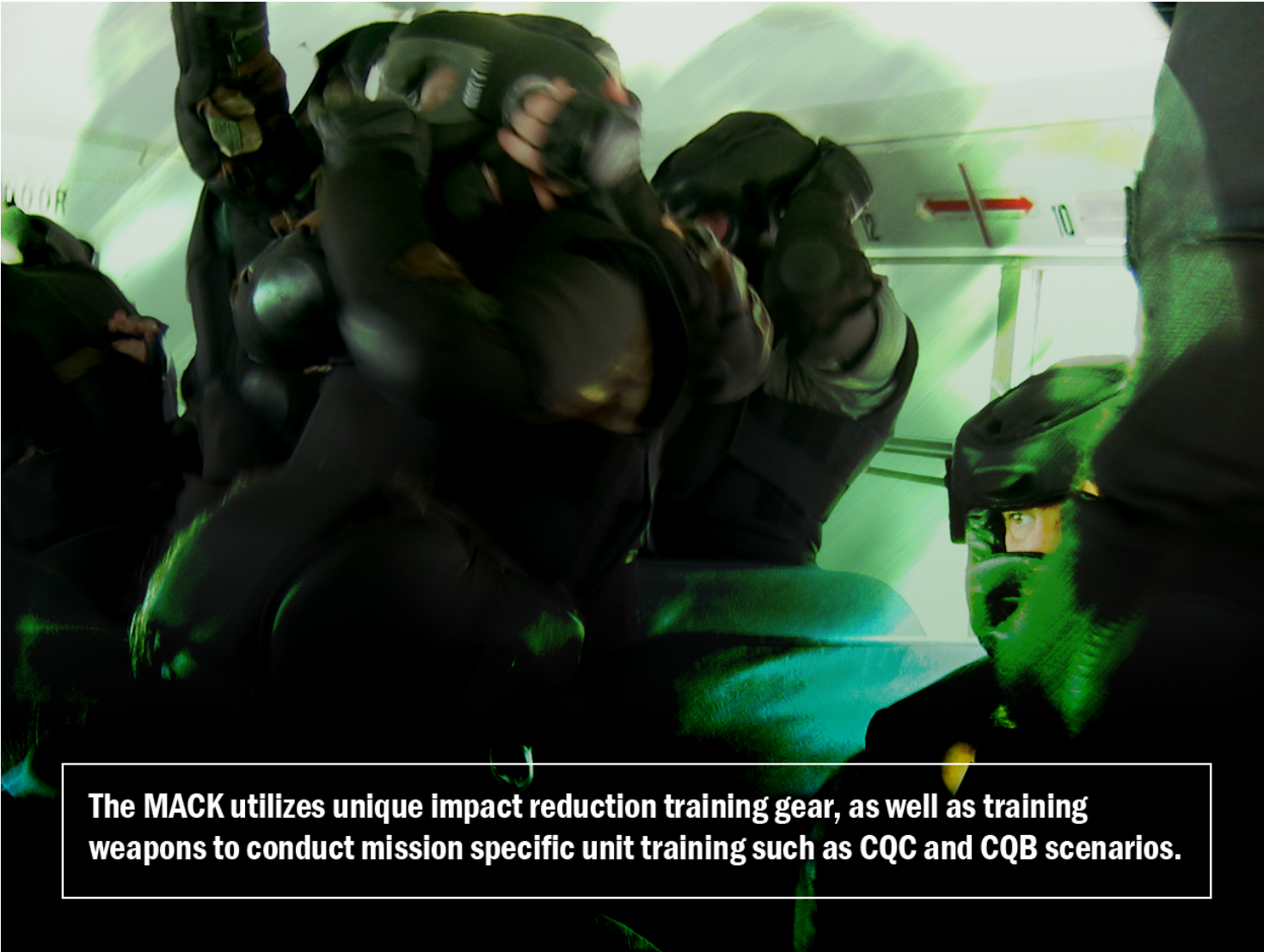
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Questions?



The MACK utilizes unique impact reduction training gear, as well as training weapons to conduct mission specific unit training such as CQC and CQB scenarios.