ARMORED SECURITY VEHICLE

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Armored Security Vehicle

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Preface

This manual provides MP forces with the tactics, techniques, and procedures (TTPs) and related information for the contemporary operating environment. This manual will optimize the capabilities of our MP forces as they conduct area security, maneuver, and mobility support operations. The ASV equips MP forces with a unique platform unmatched by other combat support (CS) or combat service support (CSS) branches. The ASV enables MP forces to mitigate a host of contemporary threats while affording maximum protection to the crew.

Employing the ASV in Army and joint operations expands the ability of the maneuver commander to project force protection and sustainment operations throughout the area of operations (AO). Army and joint operations (such as Operation Iraqi Freedom and Operation Enduring Freedom) have spawned an increase in interest and production of the ASV to support such operations. Accordingly, this doctrine is drawn largely from lessons learned in those operations. Specifically, the contents of this manual are a direct product of veterans with ASV operational experience in Operations Iraqi Freedom and Enduring Freedom.

This manual applies to the Active Army, the Army National Guard (ARNG)/Army National Guard of the United States (ARGNUS), and the United States Army Reserve (USAR) unless otherwise stated. It focuses on platoon level and below.

The proponent of this manual is the U.S. Army Training and Doctrine Command (TRADOC). Send comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commandant, U.S. Army Military Police School, ATTN: ATSJ-DD, 401 Manskien Loop, Suite 2069 (Doctrine Division), Fort Leonard Wood, MO, 65473.
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Chapter 1
Mission and Characteristics

The ASV enables MP forces to observe the battlefield and engage the enemy while remaining secure behind vehicle armor. The armor protection provided by the ASV is considerable. It is, however, vulnerable, especially to tanks and fighting vehicles. Armor provides limited protection against antitank guns, missiles, or rockets. This means that the MP leader must carefully analyze every situation and weigh the advantages and disadvantages of mounted combat. The ASV allows MP forces to fight mounted in both offensive and defensive scenarios. Deciding whether to fight mounted or dismounted depends on the factors of METT-TC. These fundamental factors are synonymous with the five basic rules of combat: secure, move, shoot, communicate, and sustain.

- Secure
  - Use cover and concealment.
  - Establish local security and reconnoiter.
  - Protect the unit.
- Move
  - Establish the moving element.
  - Obtain the best position to fire.
  - Gain and maintain initiative and momentum.
  - Move fast, strike hard, and finish rapidly.
- Shoot
  - Establish base of fire.
  - Maintain mutual support.
  - Kill or suppress the enemy.
  - Maintain a situational understanding of adjacent friendly units (prevent fratricide).
- Communicate
  - Ensure all Soldiers remain informed.
  - Inform Soldiers what is expected and why.
- Sustain
  - Maintain the engagement.
  - Ensure Soldiers have the classes of supply available to sustain the engagement.

MISSION

1-1. The ASV supports the MP in conducting the five MP functions across the full spectrum of military operations. The MP functions are area security, maneuver and mobility support, police intelligence, law and order enforcement, and internment/resettlement operations. The ASV can also support countermortar and counter-IED patrols, cordon and searches, and raids as part of a quick response force. In addition, the
ASV assists the maneuver commander with enhanced force protection and sustainment capabilities. ASV support to the five MP functions include the following:

- **Area security operations.**
  - Reconnaissance operations.
  - Response force operations.
  - Area damage control.
  - Base/air base defense.
  - Critical site, asset, and high-risk personnel security.
- **Maneuver and mobility support operations.**
  - Route reconnaissance and surveillance.
  - Main supply route regulation and enforcement.
  - Support to resettlement operations (dislocated civilian control.)
  - Support to river crossing, breaching operations, and passage of lines.
- **Police intelligence operations.**
  - Intelligence preparation of the battlefield (IPB).
  - Criminal intelligence support.
  - Active and passive role.
  - Law and order operations.
  - Law enforcement.
  - Criminal investigation.
- **Internment and resettlement operations.**
  - Detainee operations.
  - Dislocated civilian operations.
  - U.S. military prisoner handling.
- **Law and order operations.**
  - Support customs operations.
  - Support to law enforcement operations.
  - Support to host-nation police agencies.

**CHARACTERISTICS AND CAPABILITIES**

1-2. The ASV is a four-wheel drive vehicle with exceptional maneuverability and versatility. It can negotiate barricades, climb up to a 60-percent grade, travel cross-country over challenging terrain, and traverse deep mud, snow, or water with equal ease. The ASV is lightweight and air-transportable by C-130 and larger aircraft. This section discusses the vehicle’s characteristics and gives a brief overview of its capabilities.

**MOBILITY**

1-3. The lightly armored, four-wheel drive ASV is equipped with a powerful 8.3 liter Cummins diesel engine and an Allison 6-speed automatic transmission. It provides power sufficient to climb 60-percent slopes and maintain highway speeds up to 63 miles per hour. A propeller shaft couples the transmission with the drive transfer unit. Output from the transfer unit drives the rear differential when in two-wheel drive mode and the front and rear differentials when in four-wheel drive mode. Operators can engage four-wheel drive “on the fly” by actuating a shift lever at the driver’s station. The four-wheel independent suspension allows smooth cross-country operation that easily negotiates 15-inch vertical obstacles and enhances the ease of power steering and power braking. This modern design provides the mobility, agility, and durability required for the wide range of missions encountered by MP Soldiers.

1-4. The ASV fords hard bottom waterways up to 5 feet deep without any preparation. The ASV also includes a central tire inflation system that enhances mobility by allowing tire pressure adjustment to