

# ARMORED SECURITY VEHICLE

Exceptional crew protection in a light and lethal vehicle

## Armored Security Vehicle Variants



Armored Personnel Carrier



M1200 Armored Knight



ASV Recon

Textron Marine & Land Systems' (TM&LS) Cadillac Gage™ Armored Security Vehicle (ASV) is a rugged, highly mobile, agile and survivable 4x4 wheeled armored vehicle currently under full production for the U.S. Army's Military Police, convoy protection units and Field Artillery Combat Observation and Lasing Teams (COLT). Operationally proven, ASV is mission-essential equipment in Operation Iraqi Freedom and Operation Enduring Freedom. Its versatility has also been documented in Stability and Support operations in the Balkans. As part of ongoing U.N. Peacekeeping initiatives, ASV has become an integral element of operational doctrine, offering the soldier unparalleled protection for a vehicle of its class.

## The ASV Solution

With the changing nature of warfare and the elevation in asymmetric conflicts, extreme survivability, mobility, and deployability are paramount. Textron's ASV fills the capability gap that existed between larger armored systems and smaller bolt-on armor type of vehicles. The ASV provides the required mix of protection from small arms fire and mines, as well as quick insertion capability and maneuverability in urban areas. The ASV is now recognized as one of the best-in-class wheeled armored combat vehicles.

## Advanced Survivability

Enhanced ballistic protection with IBD's Modular Expandable Armor System (MEXAS) provides 360-degree protection against direct and indirect



ASV provides unparalleled crew protection

weapons, mines, and improvised explosive devices (IEDs).

Because the armor is designed to bolt on, additional protection can be added depending on the level of ballistic defense required. Special run-flat tires with central tire inflation offer the crew added essential mobility under fire.

When faced with nuclear, biological and chemical threats, ASV's gas particulate air filtration system, used in tandem with a ventilated facepiece, offers additional protection. With more than six years of continuous combat experience, the ASV has demonstrated unparalleled protection for crew members not found in other vehicles of this class. While other vehicles may protect the crew, they can also be disabled; the ASV not only protects the crew but allows successful completion of the mission.

## Superior Mobility

To maximize crew effectiveness, the ASV provides superior ride quality on highways and off-road terrain. The ASV travels at highway speeds over 60 mph while offering excellent handling, ride quality and mobility, based upon independent suspension with unmatched range of well over 440 miles on a basic load of fuel. Its off-road performance includes the capability to ford water depths of five feet, climb gradients of 60 percent, and overcome vertical obstacles two feet high.

## Selectable Firepower

ASV is equipped with the dependable firepower of the Cadillac Gage-developed 40mm/.50 caliber upgunned weapon station, battle-proven by the U.S. Army in Operation Enduring Freedom and Operation Iraqi Freedom. Combat experience has shown the survivability advantages of turrets with their inherent capability to reload under armor for both weapons while in contact with the enemy as a critical component of crew protection. The increased



The M1117 Armored Security Vehicle is currently deployed in Operation Iraqi Freedom with the U.S. Army Military Police

survivability – coupled with M36 E3 day/night sight and 360-degree vision blocks – provides outstanding lethality and protection on the non-linear battlefield of today and the future.

## Excellent Deployability

The turret's flat hatch reduces the silhouette of the vehicle, providing the occupants with greater protection, while enabling C-130 compatibility. The ASV is the only combat vehicle that can roll on and roll off – combat loaded – with less than 20 minutes of preparation. As many as six ASVs fit into a C-17.

## Maximum Crew Efficiency

The ASV features interior climate control, acoustics enhancements for reduced noise, and independent suspension under each wheel to maximize crew readiness and enhance mission effectiveness. The commander, driver and crew stations all accommodate 5th percentile female to 95th percentile male occupants.

## ASV Growth Opportunities

Since the introduction of the ASV into the U.S. Army's Military Police inventory, TM&LS has been receiving inquiries and orders from domestic and international customers seeking a safe and reliable combat vehicle capable of carrying out various missions.

In response to demand, initially by the Iraqi Security Force, TM&LS has produced variants of the original ASV to meet specific customer missions. These variants include an Armored Personnel Carrier which holds a crew of two and eight passengers, a Command and Control vehicle which carries two-man crew and a battle staff of four, a recovery vehicle and the M1200 Armored Knight. The Armored Knight is the ASV equipped with a FS3 cupola on a turret base.

Other variants are available for special mission requirements, including ASV Recon, Ambulance, or other customer-defined configurations.



# M1117 ARMORED SECURITY VEHICLE SPECIFICATIONS

## Weight

Gross Vehicle Weight	32,600 lb (14,785 kg)
Curb Weight	29,260 lb (13,270 kg)

## Dimensions

Length	237 in (6.07 m)
Width	101 in (2.56 m)
Height	102 in (2.59 m)
Ground Clearance	18 in (.46 m)

## Performance

Speed	65+ mph (105+ kph)
Acceleration 0-20 mph (0-32 kph)	<7.0 sec
Range @ 40 mph (64 kph)	440 miles (708 km)
Turning Diameter	55 ft (16.7 m)
Gradient	60%
Side Slope	30%
Vertical Wall	22 in (.56 m)
Fording	60 in (1.5 m)

## Power Train

Engine	Cummins 6CTA8.3, 260 hp/828 lb-ft
Transmission	Allison MD3560, 6 speed/1 rev.
Transfer Case	Single speed
Axles	R-611, independent
Tires	14.00R20 XZL, Run Flat Inserts
Suspension	Fully independent with coil springs

## Sights

M-36 day/night gunner's sight

## Armament

40-mm MK-19, 12.7-mm M2HB

## Air Transportability

C-130 compatible  
C-17 carries 6  
CH-53 helicopter-transportable

## Crew

1 Driver, 1 Commander  
1 Gunner, 1 Dismount

## Survivability

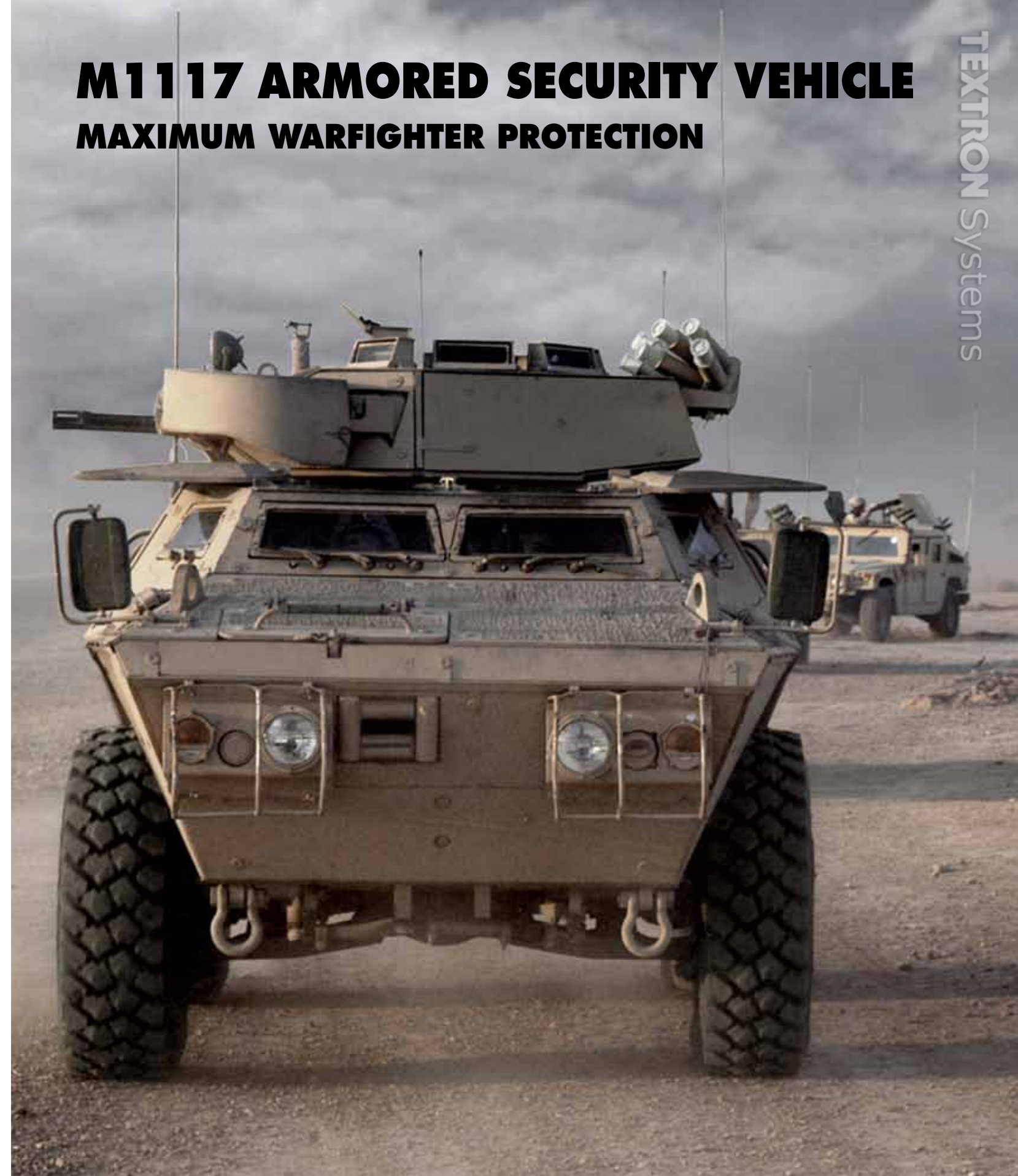
Protection from direct and indirect weapons, mines, and IEDs.

## Other Mission Equipment Options

Add-on Armor	Optional
Turret Enhancements	Optional
Alternator	260 and 400-ampere alternator
ABS	Optional
NAV/GPS	Optional
NBC Individual/Overpressure	Optional



# M1117 ARMORED SECURITY VEHICLE MAXIMUM WARFIGHTER PROTECTION



TEXTRON Systems

Textron Marine & Land Systems  
1010 Gause Blvd.  
Slidell, LA 70458 USA  
Phone: 985-661-3622  
Fax: 985-661-3631  
www.textronmarineandland.com