



Mobile Armored Vehicles, LLC (MAV) specializes in the design, engineering, manufacturing and support of ballistic and blast protected wheeled vehicles for use in the global fields of security, law enforcement and military. MAV's Protector II platform of armored vehicles was designed to

overcome the operational shortcomings that are encountered by heavier weight MRAP vehicles, while affording the same degree of protection for its occupants.



- High Survivability
- Lowest Weight
- High Payload Capacity
- Ease of Maintenance
- Commonality of Parts

# PROTECTOR II



Woman-Owned Small Business  
CAGE Code: 65F55  
ITAR Registered

# PROTECTOR II

metric tons of payload. It is easily air transportable by C-17, C-130, and C-5 or under slung by a CH-47 to even the most remote areas of conflict. In addition to the focus on survivability, flexibility and growth are key features of the platform.

## SURVIVABILITY

MAV has incorporated a mine blast and ballistic protected capsule with Jankel Tactical Systems BLASTech Seat Range, a blast mitigating flooring solution and a spall liner with acoustic and thermal properties into a total survivability solution. This combination of design and technology has allowed the Protector II to provide proven STANAG Level III blast protection while maintaining a curb weight of seven (7) metric tons. Scalable add-on armor packages can provide additional protection against IED attacks and armor-piercing ballistic rounds.

## TECHNICAL SPECIFICATIONS

<b>Vehicle Curb Weight (VCW):</b>	7,000kg
<b>GVWR:</b>	12,000kg
<b>Maximum Payload:</b>	Up to 5,000 kg
<b>Capacity:</b>	Driver, Commander, and up to 6 Crew
<b>Seats:</b>	Shock-absorbing with 5-point restraints at all positions
<b>Profile:</b>	L5m x W2.4m x H2.3m
<b>Ground Clearance:</b>	333mm
<b>Wheelbase:</b>	3.3m
<b>Approach Angle:</b>	46 Degrees
<b>Departure Angle:</b>	49 Degrees
<b>Ingress/Egress:</b>	Large Rear and 2 Side Doors, 2 Hatches, and Gun Ring
<b>Transportability:</b>	CH-47, C-130, C-5, C-17, Rail, Ship. With hard lift points for crane lift
<b>Maximum Speed:</b>	130 km/h dash speed with full payload
<b>Cruising Range:</b>	600 km @ 105 km/h
<b>Fuel Capacity:</b>	450 L
<b>Fording:</b>	1 meter without preparation
<b>Gradeability:</b>	> 60%
<b>Side Slope Operation:</b>	30%
<b>Engine:</b>	Cummins 6.7L QSB 275HP @ 2500RPM, Torque 730lb/ft @ 1500RPM
<b>Fire Suppression:</b>	Automatic Crew and Engine (standard)
<b>Transmission:</b>	Allison 3700sp, 7-speed transmission with integrated transfer case, full time 4wd
<b>Axles/Suspension:</b>	Arvin Meritor; Front Steer axle: 6600kg rated and Rear Axle: 6800kg rated
<b>Tires:</b>	Continental MPT81 365/80R20
<b>Run Flats:</b>	Hutchinson RFI
<b>CTIS:</b>	Optional
<b>Variants:</b>	Personnel Carrier, Reconnaissance, Patrol, Utility, Ambulance, Tactical Operations

JANKEL

EXOTIC  
SPECIALTY PRODUCTS  
Group

Continental

HUTCHINSON

NASG  
NORTH AMERICAN SPECIALTY GLASS

TriMark  
Designers and Manufacturers of Access  
Hardware Products and System Solutions

ArvinMeritor

