



## Mine Resistant Ambush Protection MRAP OIF SB-015



MRAP (Mine Resistant Ambush Protection) is a generic term intended to apply to a variety of vehicles that the Army is developing and fielding to improve the survivability of units. There are several developers and models.

The MRAP supports Tactical Maneuver, Scout/ Recon, Convoy Protection, Troop Movement, and Ambulance missions. It is intended to increase Soldier protection during combat missions now performed with HMMWV vehicles.

Because of vehicle size, weight, and configuration, MRAP's are recommended primarily on improved roads. Operators and crews must be trained to understand the vehicle limitations and constraints. (i.e. bridge classifications...). Moreover, they must follow the standards to remain safe.

The following vary due to the model used:

Length: Up to 28 feet  
Width: Between 8 and 10 feet  
Height: Between 8 and 13.5 feet  
Weight: Up to approx 49,000 lbs. (variant dependant)

Due to the size and weight of the vehicle, increased turning and stopping distances must be taken into consideration. Crews must stay alert to approaching road conditions.

Hazard Controls:

- Maintain speeds appropriate for road conditions.
- Negotiate slopes utilizing appropriate slope angles for conditions.
- Due to the height and width of the vehicle (wires, trees, negotiating traffic, buildings and obstacles), will require training and additional situational awareness.
- Maintain 3-points of contact while maneuvering on the vehicle.
- Due to their weight, use caution when opening and closing doors, ramps, and hoods.

As always, use proper PPE when operating, maintaining and riding in the vehicle.

