

OFFICE OF THE SECRETARY OF DEFENSE

FISCAL YEAR (FY) 2012 BUDGET ESTIMATES



February 2011

Justification for FY 2012

Mine Resistant Ambush Protected (MRAP) Fund

MINE RESISTANT AMBUSH PROTECTED VEHICLE FUND

Overseas Contingency Operations (OCO) Fiscal Year 2012 Mine Resistant Ambush Protected Vehicle Fund

I. Description of Operations Financed:

- **Mine Resistant Ambush Protected (MRAP) Vehicle Fund:** The MRAP Vehicle Fund supports the procurement, fielding, sustainment, and transportation of MRAP Vehicles. The Department will transfer funds to appropriations for operation and maintenance; procurement; and research, development test, and evaluation funds for these purposes. The MRAP Family of Vehicles (FoV) are heavy armored vehicles capable of mitigating the effects of Improvised Explosive Devices (IEDs), underbody mines, and Small Arms Fire (SAF) threats. It provides survivable, safe and sustainable vehicles to troops. To fill an operational need from theater, the Department began procuring the MRAP in 2007.
- There are five categories of MRAP vehicles:
 - Category I: Small unit combat operations in urban or confined areas that include mounted patrols, reconnaissance, security, convoy protection, explosive ordinance disposal (EOD) operations, and combat service support, (e.g., the RG33 (4x4)). Carries up to seven (7) personnel.
 - Category II: Ground logistics support operations that include convoy security, troop and cargo transport, limited combat engineering and EOD support, casualty evacuation, and ambulance, (e.g. the Cougar (6x6)). Carries up to eleven (11) personnel.
 - Category III: Mine/IED clearance operations that include route clearance and are the largest MRAPs, (e.g. the Buffalo). Carries up to six (6) personnel.
 - MRAP All Terrain Vehicle (ATV): a lighter vehicle with increased mobility for small unit combat operations in restricted, mountainous and urban terrain. It supports mounted patrols carrying up to five (5) personnel.

* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

- MRAP Recovery Vehicle: Provides similar MRAP protection to occupants of recovery vehicles as other recovery vehicles were targeted by the enemy during operations.
- The current approved MRAP Family of Vehicles (FOV) requirement is 27,344 vehicles in support of CENTCOM operations.
- The FY 2012 Overseas Contingency Operations (OCO) budget request fulfills an urgent need for Afghanistan for the sustainment of MRAP vehicles in theater, survivability and mobility upgrades, automotive and ballistic testing, and logistics management and facilities.

II. Force Structure Summary: N/A

III. Financial Summary (\$ in Thousands):

	FY 2010	FY 2011	
	(Base &	OCO	
	<u>OCO)</u>	Request with	FY 2012
MRAP Fund	7,404,000	<u>CR adj*</u>	<u>OCO Request</u>
		7,307,357	3,195,170

- **Narrative Justification:** Operating forces in Iraq and Afghanistan identified an operational need to increase survivability by expanding the use of platforms offering better underbody protection. Designed to mitigate operating forces' susceptibility to attacks from Improvised Explosive Devices (IED's), rocket-propelled grenades (RPG), and Explosively Formed Penetrators (EFP's), the MRAP FoV provide operating forces with an effective blast-protected platform. The Department requests funds to sustain and maintain vehicles in theater, vehicle upgrades to existing vehicles, to conduct automotive and ballistic testing, and to provide logistics management, support and facilities.
- The FY 2012 OCO budget requests a total of \$3.195 billion for the MRAP Vehicle program, which includes:
 - \$2.4 billion for operations and sustainment of the MRAP FoV for operations and increased missions in support of Operation Enduring Freedom (OEF); for repair parts and replenishment, heavy sustainment maintenance, battle damage and repair, contractor logistics support, leased facilities in Kuwait to support labor

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to perform heavy sustainment maintenance, vehicle upgrades and battle damage and repair, logistics management, and transportation of vehicles and upgrade kits.

- \$.765 billion for survivability and mobility upgrades to include independent suspension systems, additional M-ATV Underbody Protection kits, Rocket Propelled Grenade (RPG) defeat solutions, 360-degree lighting, fuel tank protection, door upgrades, and upgraded seat solutions.
- \$0.030 billion for automotive and ballistic testing in support of survivability and mobility upgrades.

Impact if not funded: Lack of sustainment and upgrade funding in FY 2012 would undermine vehicle readiness and capability required in theater and will not meet the urgent need for MRAP vehicles to conduct operations for OEF.

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