

# ASSAULT BREACHER VEHICLE (ABV)

## DESCRIPTION

The Assault Breacher Vehicle (ABV) is a tracked, armored engineer vehicle specifically designed for conducting in-stride breaching of minefields and complex obstacles. The ABV will provide crew protection and vehicle survivability while having the speed and mobility to keep pace with the maneuver force. Major components of this system include a Full-Width Mine Plow (FWMP), two linear demolition charges (LDC), a lane-marking system, a remote control system, and weapon station integration on a modified M1A1 tank chassis. ABV will fill the requirement to clear a lane of sufficient width and depth for the assault forces and will be operated by a two-man crew with an option for remote control.

## OPERATIONAL IMPACT

The ABV will improve the mobility and survivability of MAGTFs. The ABV will provide a deliberate assault breaching capability through minefields and complex obstacles. It will allow assault units to

move rapidly through obstacles before threat forces have the full opportunity to mass fires or establish defenses.

## PROGRAM STATUS

Marine Corps Systems Command granted Milestone B in July 2003, as well as authorization to build three Production Representative Prototypes in order to conduct additional developmental tests and Initial Operational Testing and Evaluation. Milestone C is planned for the fourth quarter of FY 2004. Initial operational capability is scheduled during FY 2006 and full operational capability is scheduled for FY 2007.



### PROCUREMENT PROFILE:

Quantity:

FY 04

3 (prototype)

FY 05

2 (LRIP Variants)

### DEVELOPER/MANUFACTURER

ABV concept demonstrator: Anniston Army Depot, Anniston, AL