

# Bradley Upgrade

Provides infantry and cavalry fighting vehicles with digital command and control capabilities, significantly increased situational awareness, enhanced lethality and survivability, and improved sustainability and supportability.



## DESCRIPTION AND SPECIFICATIONS

The Bradley M2A3 Infantry/M3A3 Cavalry Fighting Vehicle (IFV/CFV) features two second-generation, forward-looking infrared (FLIR) sensors in the Improved Bradley Acquisition System (IBAS), and the Commander's Independent Sight (CIV) provides "hunter-killer target handoff" capability with ballistic fire control system. Bradley also includes embedded diagnostics and an integrated combat command and control (IC3) digital communications suite hosting a Force XXI Battle Command Brigade-and-Below (FBCB2) package with digital maps, messages and friend/foe situational awareness. Bradley's position navigation with Global Positioning System, inertial navigation, and enhanced squad situational awareness includes a squad leader display integrated into vehicle digital images and IC3.

- Length:** 21.5 feet
- Width:** 10.75 feet without armor tiles; 11.83 feet with armor tiles
- Height:** 11.8 feet
- Weight:** 67,000 pounds combat loaded; 72,000 pounds with armor tiles
- Power train:** 600 hp Cummins VTA-903T diesel engine with GM-Allison HMPT-500-3EC hydro-mechanical automatic transmission
- Cruising range:** 250 miles
- Road speed:** 38 mph
- Crew:** M2A3: 10 (3 crew; 7 dismounts); M3A3: 5 (3 crew; 2 dismounts)
- Vehicle armament:** 25mm Bushmaster cannon; TOW II missile system; 7.62mm M240C machine gun

## Current models/variants:

- Bradley M2/M3 A0, A2, A2 Operation Desert Storm (ODS)
- A2 ODS-E (Engineer Vehicle) Operation Iraqi Freedom (OIF)
- A3 IFV/CFVs, Bradley Commander's Vehicle (BCV)

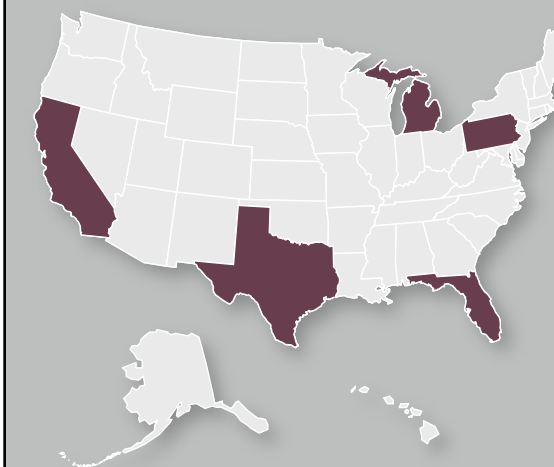
- M7 ODS
- A3 Bradley Fire Support Team (BFIST)
- M6 Bradley Linebacker
- MANPADS Under Armor (MUA)

## PROGRAM STATUS

- **Current** Fieldings to the 1st Cavalry Division and the 4th Infantry Division (ongoing). The 3rd Armored Cavalry Regiment will be issued M3A2 OIF with second generation FLIR and FBCB2
- **Current** Bradley A2 to A2 ODS modification for the active Army continues; conversion of Bradley A0 to A2 ODS for the Army National Guard (ARNG); A2 to A3 remanufacture effort; A3 in full-rate production
- **1QFY03** Bradley A3 fielded to the 1st Cavalry Division
- **2QFY03** Awarded the last year of the A3 multi-year contract  
FY03 Continued modification of Bradley A2s to A2 ODS and fielding for the Army National Guard
- **FY03** Continued A3 fielding to 1st Cavalry Division
- **FY04** Quantity of A3s reduced from 1,037 to 595 during the FY04-09 POM
- **FY04** Purchase M3A2 OIF variant for the 3rd ACR

## PROJECTED ACTIVITIES

- **FY05** Continued life cycle support for the war on terrorism



## CONTRACTORS

United Defense, LP  
(San Jose, CA; Fayette, PA; York, PA)  
Raytheon (McKinney, TX)  
DRS Technologies (Palm Bay, FL)  
EFW (Ft Worth, TX)  
General Dynamics (Tallahassee, FL; Muskegon, MI)

## INVESTMENT COMPONENT

Recapitalization

## ACQUISITION PHASE

- Production and Deployment
- Operations and Support