

Bradley Fighting Vehicle Systems Upgrade

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

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

The Bradley M2A3 Infantry/M3A3 Cavalry Fighting Vehicle (IFV/CFV) features two second-generation, forward-looking infrared (FLIR) sensors—one in the Improved Bradley Acquisition Subsystem (IBAS), the other in the Commander's Independent Viewer (CIV). These systems provide "hunter-killer target handoff" capability with ballistic fire control. The Bradley A3 also has 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 information. These systems provide the vehicle with increased shared battlefield situational awareness (SA). The Bradley's position

navigation with GPS, inertial navigation, and enhanced squad SA includes a squad leader display integrated into vehicle digital images and IC3.

SYSTEM INTERDEPENDENCIES

Other Major Interdependencies

Army Battle Command System (ABCS), Blue Force Tracker (BFT), FM Voice-Advanced SINCGARS Improvement Program (ASIP) Radio, Forward Observer Systems (BFIST Only), Ground Mobile Radio System (GMRS), System of Systems Common Operating Environment (SOSCOE)

PROGRAM STATUS

- **2QFY11:** Field Bradley A3 2nd Brigade, 1st Armor Division and 3rd Brigade, 3rd Infantry Division; Field ODS SA 30th Heavy Brigade Combat Team North Carolina Army National Guard
- **3QFY11:** Field Bradley A3 2nd Brigade, 3rd Infantry Division
- **4QFY11:** Field Bradley A3 1st Brigade, 2nd Infantry Division and 3rd Brigade, 4th Infantry Division; ODS fielded to TSS, Korea
- **4QFY11:** Field Bradley A3 1st Brigade, 3rd Infantry Division

PROJECTED ACTIVITIES

- **1QFY12:** Army Prepositioned Stocks-4 (Korea) Field Bradley A3
- **2QFY12:** 4th Brigade, 1st Cavalry Division

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

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FOREIGN MILITARY SALES

None

CONTRACTORS

Prime:

BAE Systems (York, PA; Santa Clara, CA)
 DRS Technologies (Palm Bay, FL)
 Raytheon (McKinney, TX)
 L-3 Communications (Muskegon, MI)
 Curtiss-Wright (Littleton, MA)
 Elbit Systems of America (Ft. Worth, TX)



SPEED: 40 mph
RANGE: 250 miles
PAYLOAD: 6,000 pounds
VEHICLE WEAPONS: 25mm, TOW II, 7.62mm
M2/M3A3 MMBF REQUIRED/ACTUAL: 400/681
DEPLOYABLE AIRCRAFT: C17, C5

