



Bradley A4

Infantry Fighting Vehicle
Fire Support Team Vehicle

The Bradley A4 ECP (Mobility) is the finest combat vehicle system in the world. Its firepower, mobility and survivability greatly improve soldier safety and the ability to dominate the enemy no matter the terrain, temperature or threat.

The Bradley A4 features the latest digitized electronics for optimum situational awareness, network connectivity and communication within the Armored Brigade Combat Team. The Bradley A4's proven durability and commonality of design reduce the logistics burden, while enhancing battlefield performance to meet a variety of mission

requirements in close-combat, urban scenarios and open-combat situations.

Survivability – Improvements to the Fire Suppression and IED jammer components further enhance survivability by reducing the likelihood of system detectability and target acquisition by external systems and defeats external threats.

Mobility – System is capable of maximizing its acceleration capabilities due to the increased engine horsepower in order to provide rapid movement of the System in reaction to combat or other adverse situations. Enhanced mobility function provides driver with improved situational awareness and mobility functionality status.

Lethality – Leveraging the lethality functionality from its predecessor, the Bradley A4 consists of full ballistic fire control hosted on a new central processing unit, aided dual-target tracking, automatic gun target adjustment, automatic bore sighting and hunter-killer capabilities. The Bushmaster 25mm cannon fires both explosive and armor piercing rounds, while TOW missiles defeat enemy armor. The 7.62mm coaxial machine gun provides high volume fires at close ranges.

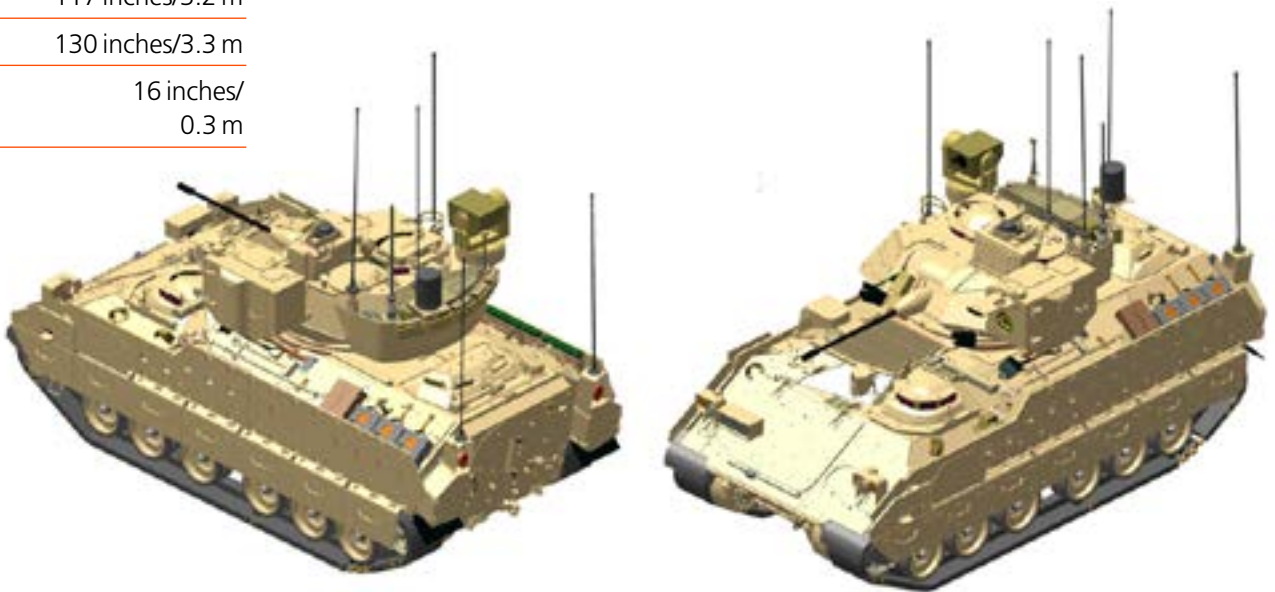
Networkability – Integration of improved computing system assets allows housing of more robust software applications in order to provide improved near real-time

networking situational awareness to soldiers on both platform variants.

Supportability – Improvements to on-board diagnostics systems provide increased fault detection and isolation capabilities and added interactive electronic manuals enhance maintenance capability.

Specifications

Combat weight	80,000 lbs/ 36,287 kg
Personnel capacity	up to 10
Engine	675 hp
Fuel tank	155 gallons/ 587 liters
Speed	41 mph/ 66 km/h
Cruising range	250 miles/ 402 km
Turning radius pivot to infinite slope	60%
Side slope	40%
Trench crossing	100 inches/ 2.5 m
Vertical wall crossing	30 inches/ 0.9 m
Overall length	258 inches/ 6.5 m
Width	117 inches/3.2 m
Height	130 inches/3.3 m
Ground clearance	16 inches/ 0.3 m



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