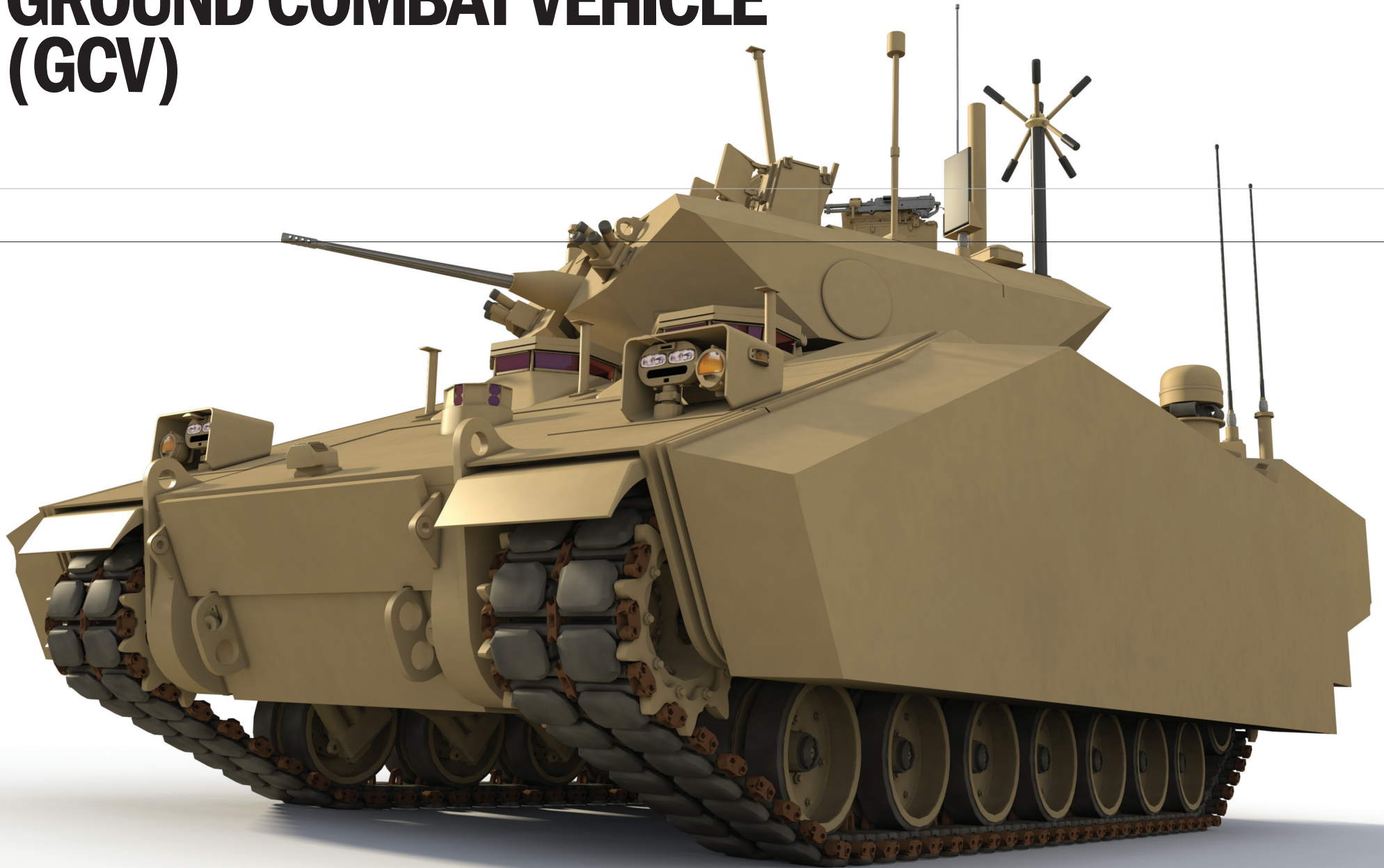


GROUND COMBAT VEHICLE (GCV)

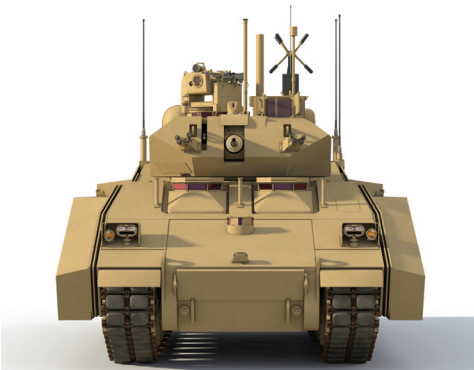


Ground Combat Vehicle (GCV)

The time has come to modernize our Army and provide soldiers with a decisive edge against adversaries. The BAE Systems – Northrop Grumman Ground Combat Vehicle (GCV) is the only offering capable of meeting these needs – and more.

The team’s offering includes a hybrid electric drive propulsion system that enables force protection and mobility in a lighter vehicle, while accommodating future growth in power requirements and new technologies. This allows the vehicles to meet the demands of near-term operations, while providing a platform for future integration and growth at low risk and cost.

Our GCV is achievable within the Army’s acquisition, schedule and cost requirements; provides combat capabilities that cannot be achieved by modifying existing platforms; and will remain relevant for 30-40 years.

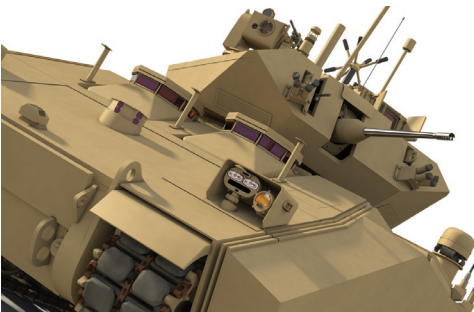


Survivability–Our design matches or exceeds the mine and EFP protection of RG-33 MRAP. It employs tailorable combinations of armor packages on a tough, space efficient steel core hull.

Mobility–Our design exceeds current combat systems in fuel efficiency, agility and acceleration due to the electric drive. It provides options for growth with capacity and power to integrate new technologies.

Lethality–The unmanned turret provides improved survivability and an easy upgrade path for future weapon systems. BFV dual feed 25mm provides soldiers with combat proven reliability and more ready rounds.

Networkability–A proven C4ISR system meets the low-risk goals of the program. An open architecture and infrastructure support C4ISR now and in the future.



Specifications

Vehicle weight	140,000 lbs/63,500 kg
Personnel capacity	3 crew and 9 squad
Top speed	43 mph/70 km/h
Range	186 miles/300 km
Fuel system	255 gallons/965 liters
Overall length	340 inches/9 m
Width	179 inches/5 m
Height	128 inches/3 m
Ground clearance	20 inches/ .5 m
Transmission	Series Cross-Drive
Suspension	7 roadwheels, In-arm hydropneumatic, 25 inch-wide track
Turret type	Man-accessible
Baseline weapons	25mm autocannon and 7.62mm coaxial machine gun
Mission weapons	Commander’s Independent Weapon System
C4ISR	GMR 4-channel, BFT-2, MSS (PR 148)

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Distribution Statement A: Approved for public release;
distribution is unlimited. January 20,2012, Case Number
PR0002GCV.