



CASED TELESCOPED (CT) WEAPONS AND AMMUNITION

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The next generation of CT weapons and ammunition systems delivers improved maneuverability and performance at 40 percent less weight than current systems. CT weapons and ammo are offered in a 5.56mm CT Light Machine Gun (LMG), a 7.62mm CT Medium (MMG) Machine Gun, and a 6.5mm CT Carbine. Numerous military assessments and technical evaluations of our 5.56mm CT LMG have validated system maturity, performance and weight reduction benefits. These proven benefits are also present in the 6.5mm and 7.62mm CT systems. When it comes to equipping the warfighter – less is definitely more.



TEXTRON Systems

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CASED TELESCOPED (CT) WEAPONS AND AMMUNITION

The CT weapons and ammunition program, initially branded as Lightweight Small Arms Technologies (LSAT™), currently encompasses three unique weapon systems – a 5.56mm LMG, a 7.62mm MMG, and a 6.5mm Carbine. CT weapons and ammo technologies offer significant weight savings, superior maneuverability, improved accuracy, and similar or better lethality in comparison to current weapon systems.



5.56MM SYSTEM PROVIDES A 20-LB WEIGHT REDUCTION

The current M249 weapon with 1,000 rounds weighs a combined 48.9 lbs. The 5.56 CT LMG system reduces total system weight to 28.5 lbs – a 40 percent reduction – and reduces system volume by 12 percent, while maintaining lethality.



6.5MM CT CARBINE PROVIDES REDUCED SOLDIER LOAD AND INCREASED LETHALITY

The 6.5mm Carbine is a closed bolt, forward feed, gas piston operated weapon, weighing 8.3 lbs. The 6.5mm CT ammunition weighs 35 percent less and offers 30 percent more lethality than 7.62mm x 51mm brass ammunition. Carrying eight magazines, the CT Carbine systems is 3 lbs lighter comparable 7.62mm rifle systems.



AN EXPERIENCED TEAM

The CT Weapons and Ammunition program is managed by a government/contractor integrated product team that works cooperatively to achieve success. Prime contractor Textron Systems has a long, proven history as a designer and manufacturer of armament and ammunition technologies, having been involved in many Army small arms development programs over the past 50 years.

Textron Systems oversees an experienced team of companies for the program including: ARES, Inc. of Port Clinton, OH; Orbital ATK, of Independence, MO; General Dynamics company St. Marks Powder of St. Marks, FL; MSC Software of Santa Ana, CA; and Battelle Memorial Institute of Columbus, OH.



7.62MM CT MMG PROVIDES A 27-LB WEIGHT REDUCTION

The current M240L weapon and 800 rounds weighs a combined 72.4 lbs. The 7.62 CT MMG system reduces total system weight to 45.3 lbs – a 37 percent reduction – and reduces system volume by 12 percent. The CT MMG can also be converted to 6.5mm CT ammunition – providing 30 percent more lethality when compared to the 7.62mm cartridge.



- CT Ammunition is easily configurable in multiple calibers including 5.56mm, 6.5mm, and 7.62mm, while maintaining or improving lethality
- Improved maneuverability and accuracy reduces engagement times and increases first round hit percentages
- Decreases system weight by up to 40 percent without reducing lethality
- CT Weapons can integrate fire control units, trigger interrupts, and intelligent rails
- Proven to reduce training and maintenance time and increase weapon reliability

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