

CASED TELESCOPED (CT)

WEAPONS & AMMUNITION



CASED TELESCOPED WEAPONS AND AMMUNITION

The next generation of CT weapons delivers increased lethality, better performance and improved maneuverability through weight savings from current systems. Recently selected for the U.S. Army's Next Generation Squad Weapon (NGSW) program, the 6.8 mm CT rifle, automatic rifle and ammunition offer a superior product platform. CT weapons and ammo are mature, proven systems offered in current military calibers (5.56 mm CT light machine gun, a 7.62 mm CT medium machine gun, and multi-caliber carbine configurations), and next-generation calibers (6.8mm for the U.S. Army NGSW as detailed above). Numerous military assessments and technical evaluations of our CT technology have validated system maturity, performance and weight reduction benefits. These proven benefits are also present in the entire family of CT systems, while also providing significant growth potential. When it comes to equipping the warfighter – less is definitely more.

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FAMILY OF CASED TELESCOPED WEAPONS AND AMMUNITION

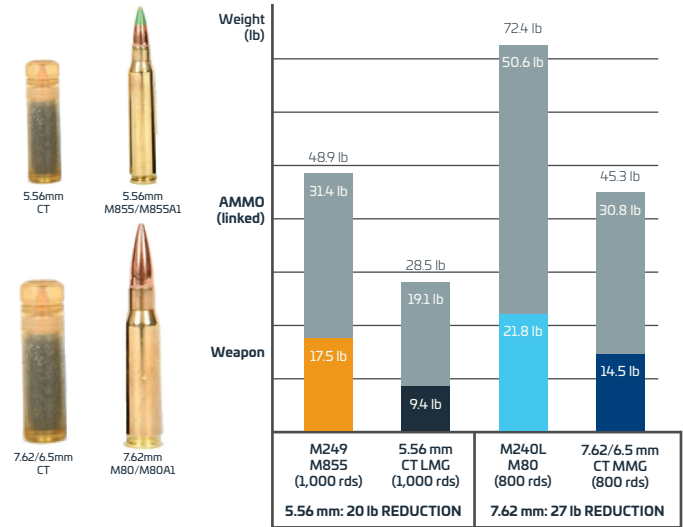


The next generation of CT weapons delivers increased lethality, improved accuracy and superior maneuverability through superior weight savings in comparison to current weapon systems. Introduced as a 5.56 mm Light Machine Gun on the Lightweight Small Arms Technology (LSAT) program, the family of systems now includes a multicaliber 7.62 mm/6.5 mm Medium Machine and Carbine.



7.62 mm CT MMG PROVIDES A 27 lb WEIGHT REDUCTION

The current M24OL weapon and 800 rounds weighs a combined 72.4 lb. The 7.62 CT MMG system reduces total system weight to 45.3 lb – a 37 percent reduction – and reduces system volume by 12 percent. The CT MMG can also be converted to 6.5 mm CT ammunition – providing 30 percent more lethality when compared to the 7.62 mm cartridge. Simply swap out the barrel, and this multicaliber weapon is reconfigurable to 6.5 mm.



6.5 mm CT CARBINE PROVIDES REDUCED SOLDIER LOAD AND INCREASED LETHALITY

The multi-caliber Carbine is a closed bolt, forward feed, gas piston operated weapon, weighing 8.3 lb. The CT ammunition (6.5-7.62 mm) weighs 35 percent less and offers 30 percent more lethality than 7.62 mm x 51 mm brass ammunition. Simply swap out the barrel, and this multicaliber weapon is reconfigurable to between 6.5 & 7.62 mm.



5.56 mm CT LMG SYSTEM PROVIDES A 20 lb WEIGHT REDUCTION

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

SPECIFICATIONS



CT Ammunition is easily configurable in multiple calibers including 5.56 mm, 6.5 mm, 6.8 mm and 7.62 mm, while maintaining or improving lethality



Improved accuracy and maneuverability reduces engagement times and increases first round hit percentages



CT Weapons can integrate fire control units, trigger interrupts, and intelligent rails



Advanced design mitigates recoil and reduces training and maintenance time while increasing weapon reliability



Decreases system weight by up to 40 percent without reducing lethality