

120MM M865A1

Target Practice
Cone Stabilized
Discarding
Sabot-Tracer
(TPCSDS-T)



MUNITIONS

LARGE CALIBER



OVERVIEW

The M865A1 Kinetic Energy (KE) training round, in service with the United States Army's main battle tank fleet, utilizes a unique cone stabilizer to limit the safety fan required for tank gunnery. With its matched exterior ballistics, the M865A1 provides a realistic training device displaying the accuracy and time-of-flight of the service round. The cone stabilizer provides a safety feature limiting the overall flight range to under 8km, reducing the requirement for extreme range safety fans.

Utilizing the same combustible cartridge case as the service round, and designed to resemble the M829 series Armor-Piercing, Fin-Stabilized, Discarding-Sabot Tracer (APFSDS-T) in operational performance, the M865A1 represents a valuable KE training surrogate for the 120mm smoothbore weapon system.

CARTRIDGE DATA

Length	981mm (38.6")
Weight	18.9kg (41.7lbs)
Propellant Type	RPD-596
Chamber Pressure	4648 bar (67 ksi)

PROJECTILE DATA

Type	TPCSDS-T
Muzzle Velocity	1606m/s (5269ft/sec)
Range	2500m