

Comparison



6.5x25 CBJ APDS

9x19 mm FMJ

4.6x30 AP SX

5.7x28 AP FMJ (SS190)

6.5x25 CBJ APDS

The 6.5x25 CBJ Armor Piercing Discarding Sabot fires a 2g tungsten core projectile embedded in a plastic sabot that separates after the muzzle. The test weapon was a converted HK MP5, where the barrel has been replaced with a 225mm long 6.5x25 CBJ barrel. This cartridge is also suitable in pistols which gives a muzzle velocity of 730m/s, compared to 870 m/s in the HK MP5.



9x19 FMJ

Data for the Swedish military variant of the 9x19 mm called M/39B, made by Nammo. It has a 6.8 g projectile with lead core and a thick steel jacket with copper plating. It is considered one of the best performing 9x19mm variants in the world. The test weapon is an unmodified HK MP5, with a standard 225mm long barrel.



4.6x30 AP SX

The 4.6x30 AP SX made by RWS was tested in a HK MP7 with 180mm long barrel. The projectile weighs 2g and is made of hardened steel with copper plating and a blackened finish. This variant is an operational cartridge for law enforcement and military users. This cartridge is not suitable for use in pistols due to low achieved muzzle velocity.

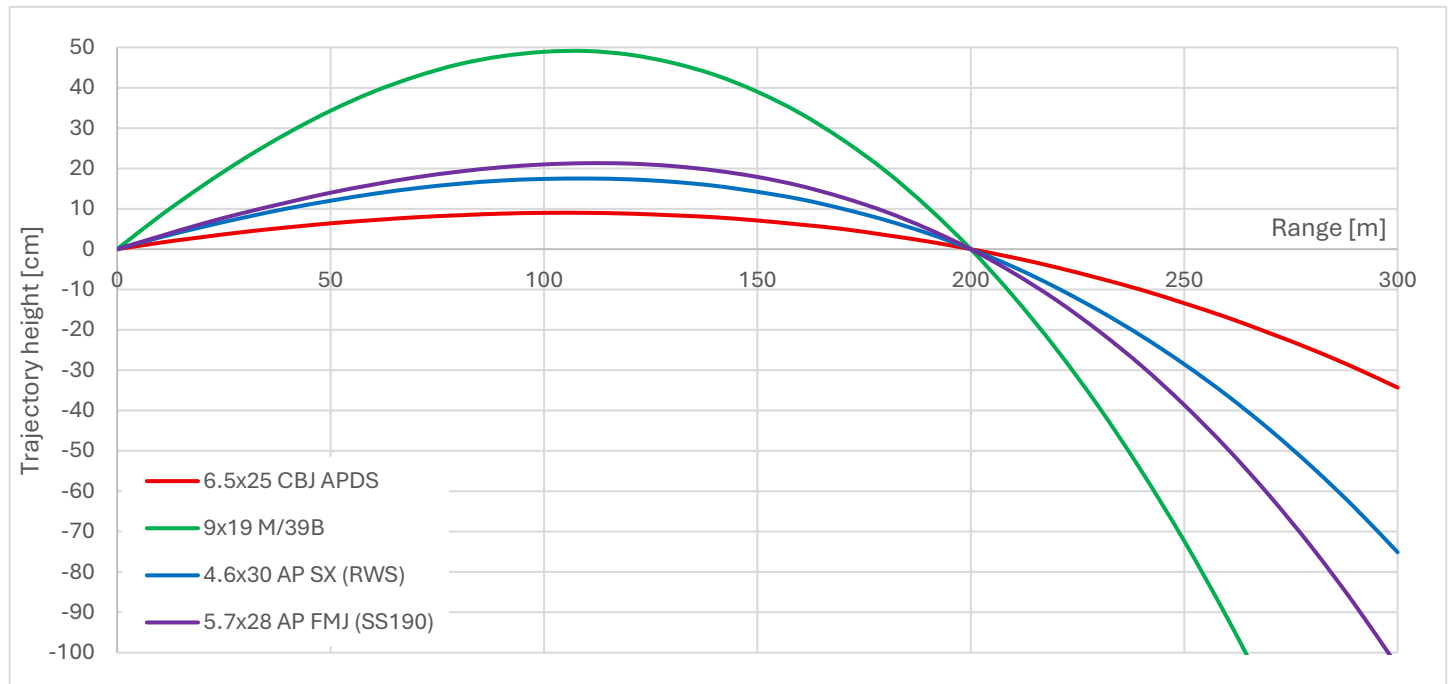


5.7x28 AP FMJ (SS190)

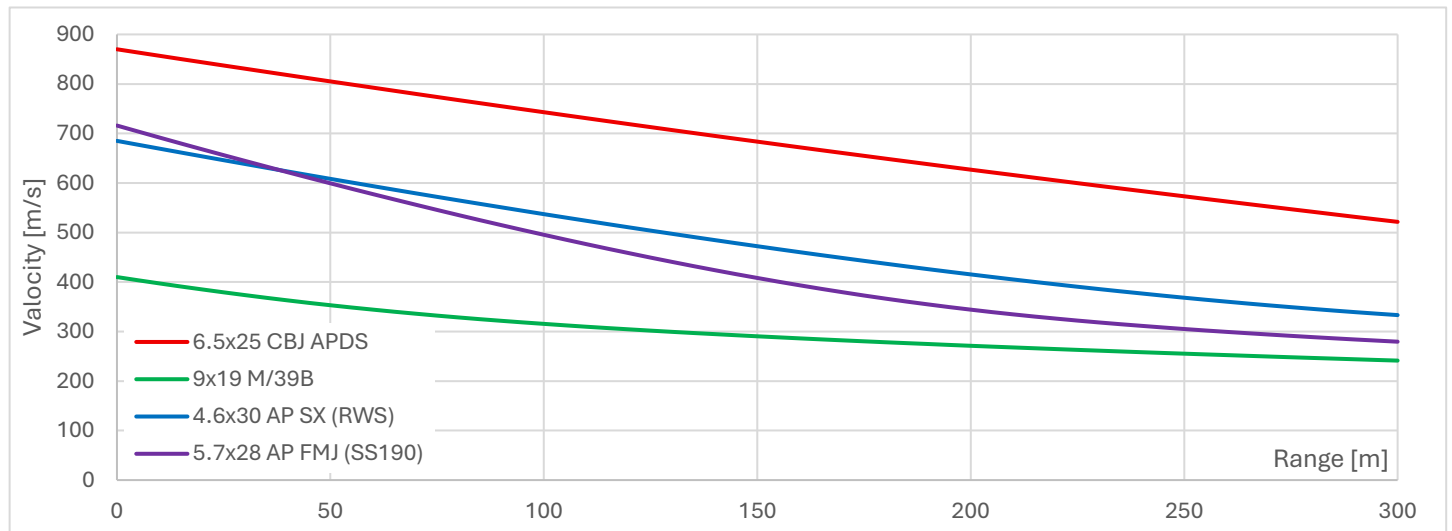
The 5.7x28 AP FMJ, also designated SS190, was tested in the P90 PDW. It has a 300 mm long barrel. The cartridge has a 2g projectile consisting of a steel penetrator tip combined with an aluminum cylinder encased in a copper jacket. This variant is an operational cartridge for law enforcement and military users. This cartridge can also be used in pistols, with a muzzle velocity of 650 m/s, compared to 716 m/s in the P90.



Trajectories



Velocities



Energies

