Northrop Grumman is a leading 20mm ammunition producer. Our tactical and training ammunition is United States Government qualified and used by domestic and international customers worldwide across multiple platforms.

Description & Features
The 20mm ZAP Super-Quick is a mechanically fuzed High Explosive Incendiary round designed for both soft and light armored targets. These rounds use Northrop Grumman’s 151-Low Drag (LD) fuze, which provides superior arming delay, graze function and extended range sensitivity. ZAP rounds are ballistically matched allowing a mix in the feed system with no burden to the fire control system and are compatible with a variety of platforms to include the F-16 and F-18. Northrop Grumman’s PGU-27 TP provides a ballistically matched training round for the ZAP SUPER-QUICK HEI.

20mm ZAP SUPER-QUICK HEI
20 x 102mm HIGH EXPLOSIVE INCENDIARY

Facts At A Glance

Physical Data
- Cartridge Length: 6.615 in max / 168 mm max
- Cartridge Weight: 4,035 grains / 261 g
- Projectile Weight: 1,555 grains / 101 g
- Propellant Weight: 580 grains / 38 g
- Propellant Type: WC 868
- Cartridge Case Length: 102 mm
- Cartridge Case Material: Brass
- Primer Type: M52A3B1, Electric
- Fuze: Northrop Grumman 151-LD

Performance Data
- Muzzle Velocity: 3,410 fps / 1,039 m/s
- Chamber Pressure (ambient): Avg + 3*Std Dev < 61,500 psi / 424 MPa
- Dispersion: Avg Mean Radius < 15 in @ 600 yd