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 PGU-28 Semi Armor Piercing High Explosive Incendiary (SAPHEI) provides for improved effectiveness against light armor, aircraft, vehicles and materiel targets. The projectile is based on the multipurpose concept with delayed reaction after impact that results in large fragments and incendiary effects inside the threat. The 20mm PGU-28 is fired in the M61 gun system used on fighter aircraft. Northrop Grumman’s PGU-27 provides a balistically matched training round for the PGU-28 SAPHEI.

**Facts At A Glance**

**Physical Data**
- Cartridge Length: 6.615 in max / 168 mm max
- Cartridge Weight: 4,025 grains / 261 g
- Projectile Weight: 1,535 grains / 99 g
- Propellant Weight: 590 grains / 38 g
- Propellant Type: WC 868
- Cartridge Case Length: 102 mm
- Cartridge Case Material: Brass
- Primer Type: M52A3B1, Electric
- Explosive Type: Incendiary Charge: RS-40
  Explosive Charge: A-4
  Zirconium Pellet
- Explosive Weight: 105 grains / 7 g

**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 @ 500 yd