

155MM NEXT GENERATION ARTILLERY FAMILY

XM1113 HERA, XM1121E1 HE, XM1128 HE



The Next Generation 155mm Artillery Ammunition Family will include three new projectiles, the XM1113 High Explosive Rocket Assist, the XM1122E1 High Explosive and the XM1128 High Explosive Base Bleed.

These projectiles can be fired off both the M777A2 Lightweight Towed 155mm Howitzer and the M109A7 Paladin Self-Propelled Howitzer platforms. The projectiles are loaded with insensitive high explosives and include enhanced effects on target.

All three projectiles are currently in development by the US Army with the assistance of General Dynamics Ordnance and Tactical Systems and will be built to US specifications. Full rate production of these projectiles will all take place within the next five years.



GENERAL DYNAMICS
Ordnance and Tactical Systems

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155mm

Next Generation Artillery Ammunition Family



155mm XM1113 High Explosive Rocket Assist Projectile

- New rocket-assist projectile (RAP)
- Maximum range beyond that of current inventory
- Includes a high performance rocket motor and insensitive explosive
- Compatible with Army's future Extended Range Cannon Artillery System

155mm XM1122E1 High Explosive Projectile

- Improved and more realistic performance at a lower cost
- Ballistically similar to the 155mm M795 tactical round
- Supports US Army and US Marine Corps training requirements

155mm XM1128 High Explosive Projectile

- New base bleed projectile
- High fragmentation body with a streamlined ogive and drag-reducing base burner
- Filled with insensitive explosive
- Maximum range over 30 km
- Compatible with Army's future Extended Range Cannon Artillery System

The 155mm Next Generation Artillery Ammunition Family is designed by the US Army with General Dynamics Ordnance and Tactical Systems.

Projectile tooling and manufacturing process developed by General Dynamics Ordnance and Tactical Systems.



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