

XM395 Precision Mortar

Precision Guidance Kit for Mortars

FACT SHEET



Affordable Precision for Conventional Mortars

The XM395 precision mortar is the U.S. Army's guided projectile solution for its Accelerated Precision Mortar Initiative (APMI). Developed and produced by Orbital ATK, the XM395 gives brigade commanders an organic, accurate indirect fire capability. It provides a quick, reliable, and lethal response – especially in mountainous terrain inaccessible to artillery and in built-up areas where collateral damage is prohibitive.

XM395 provides maneuver commanders with a precision indirect fire capability to neutralize targets on reverse slopes, in narrow gullies, in urban areas, and in other complex terrain where they are inaccessible to low-angle fire. Additionally, greater accuracy enables the commander to engage fleeting targets with improved success and reduces the number of rounds required to successfully defeat targets.

Based on Orbital ATK's Precision Guidance Kit (PGK) for 155mm artillery projectiles, XM395 combines GPS guidance and directional control surfaces into a package that replaces standard fuzes, cost-effective, transforming existing 120mm mortar inventory into precision guided munitions. This design-leveraging approach has reduced the timeline and costs associated with fielding a new munition.

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FACTS AT A GLANCE

Characteristics

- Compatible with all 120mm smooth bore mortar systems
- Provides precision guidance capability for existing M933/934 mortar munitions
- Leverages mature subsystem technologies

Capabilities

- Provides precision capability necessary for contemporary operating environments
- Expands mortar system capabilities from area suppression to responsive, precision engagement
- Minimizes collateral damage
- Reliable in high-G tube launch environment
- Ideal for neutralizing targets on reverse slopes, in narrow gullies, in urban areas, and in complex terrain difficult to engage with low-angle fire