

Precision Guidance Kit (PGK)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Improve the accuracy of conventional 155mm high-explosive (HE) projectiles in the inventory.

DESCRIPTION

Precision Guidance Kit (PGK) technology is state-of-the-art and provides a first-of-its-kind capability. PGK contains a Global Positioning System (GPS) guidance kit with fuzing functions and an integrated GPS receiver to correct the inherent errors associated with ballistic firing solutions, reducing the number of artillery projectiles required to attack targets. The increase in efficiency that PGK's "near-precision" capability provides allows operational commander's to engage assigned targets and rapidly achieve desired effects while minimizing collateral damage.

The PGK program is following an incremental program approach. Increment 1, the XM1156 PGK, will be compatible with the 155mm M795 and M549/A1 HE projectiles fired from the M109A6 Paladin and M777A2 Lightweight 155mm Howitzer. Future increments could expand this

capability to projectiles containing an insensitive munition explosive fill and anti-jam capability.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **Current:** Increment 1 program is in engineering and manufacturing development

PROJECTED ACTIVITIES

- **1QFY13:** Increment 1 Milestone C

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Precision Guidance Kit (PGK)

FOREIGN MILITARY SALES

None

CONTRACTORS

Increment 1

Prime:

Alliant Techsystems (Plymouth, MN)

Subcontractor:

L-3 Interstate Electronics Corp. (Anaheim, CA)

