

# Precision Guidance Kit (PGK)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Improves 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 commanders 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 M549A1 HE projectiles which are fired from the M109A6 Paladin and

M777A2 Lightweight 155mm Howitzer. Future increments could have improved resistance to threat GPS jammers and expand this capability to projectiles containing an insensitive munitions explosive fill.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **Current:** Increment 1 program is in Engineering and Manufacturing Development

PROJECTED ACTIVITIES

Increment 1

- 2QFY13: Milestone C

ACQUISITION PHASE

Technology Development	Engineering & Manufacturing Development	Production & Deployment	Operations & Support
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## Precision Guidance Kit (PGK)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

#### Increment 1

##### Prime:

Alliant Techsystems (Plymouth, MN)

##### Subcontractor:

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

