

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN

Enhanced Portable Inductive Artillery Fuze Setter (EPIAFS)

The Enhanced Portable Inductive Artillery Fuze Setter (EPIAFS) is designed to handle complex data inputs for various mission requirements using advanced fuzes and guided munitions. The capabilities offered by the EPIAFS over the legacy M1155 PIAFS include automated fire mission transfer over the inductive link and the ability to initialize the Global Positioning System (GPS) on guided projectiles.

Applications

EPIAFS is capable of setting legacy inductively set fuzes and GPS-guided precision munitions including:

- M762/M762A1
- M767/M767A1
- M782 (MOFA: Multi-Option Fuze for Artillery)
- PGK (Precision Guidance Kit)
- M982 Excalibur
- MGK (XM396)

Platforms on which fuzes and fuze setters operate are:

- M777A2 Towed Howitzer
- M109A6 Paladin Self-Propelled Howitzer
- Portable Excalibur Fire Control Systems (PEFCS)

Product Features and Benefits

- Platform Integration Kit (PIK), a gun-mounted data processor that sends and manages the data stream from multiple interfaces
- Handheld setter, a device that inductively couples data and power to either the guided projectile or applicable fuzes
- Setter to the platform cable assembly which, when connected to a Howitzer with an automated Fire Control System, the EPIAFS can receive and inductively supply a stream of data, power and timing pulses to initialize a precision guided GPS projectile such as PGK and Excalibur
- Complies with NATO STANAG 4369 and AOP-22



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