

# PGK — Precision Guidance Kit



## PGK Creates a New and Expanded Role for Cannon Artillery

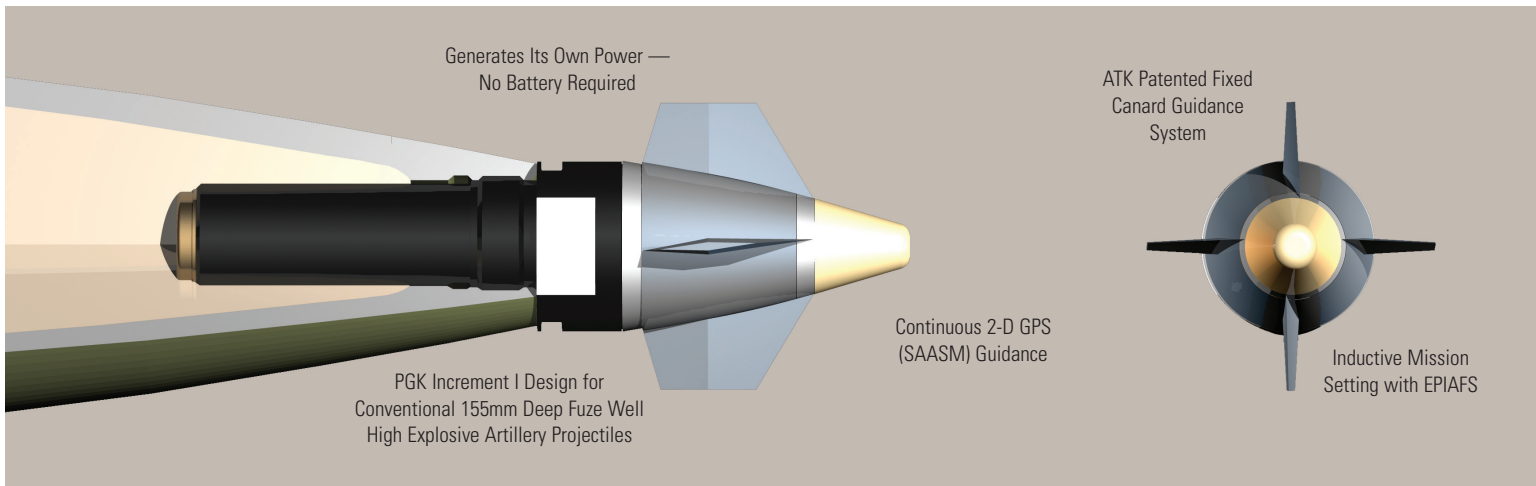


Entering Production in 2010

ATK's Precision Guidance Kit (PGK) transforms existing 155mm high explosive artillery projectiles into affordable, GPS-guided precision weapons. PGK provides maneuver forces with an organic, precision capability that is highly responsive and available around the clock and in all weather conditions. With a circular error probable (CEP) of less than 50 meters, PGK fills an effectiveness gap between conventional artillery and smart munitions.

This low-cost, highly reliable, fuze-sized guidance kit installs in the projectile fuze well and also provides traditional fuze functions for height-of-burst and point detonation.

***Affordable precision capability for  
the maneuver commander***

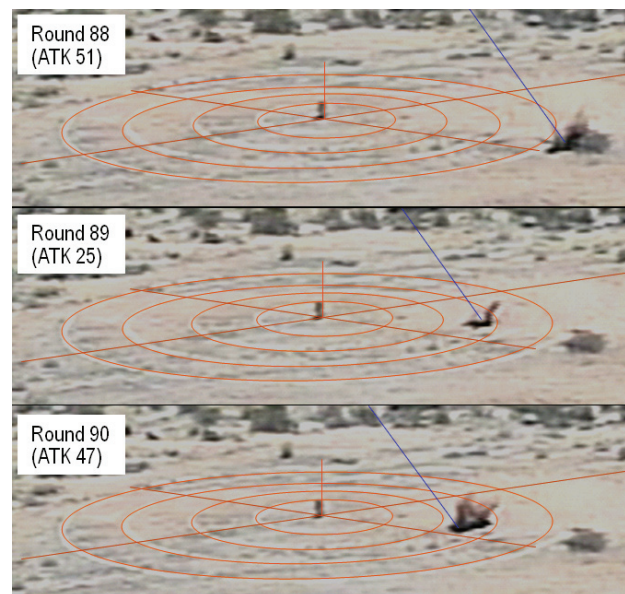


## PGK — Affordable Precision for Conventional Artillery

Today's battlefield is ever-changing in terms of terrain and engagement criteria. Reducing the risk of friendly and civilian casualties and collateral damage to infrastructure is critical. This combination of constraints coupled with the performance of conventional artillery munitions has often limited the commander's options and, sometimes, has taken artillery out of the fight. To remain relevant, artillery must be accurate, responsive and flexible. PGK provides the necessary precision and flexibility and at a price that permits its use in tactically significant quantities as well as for training.

- Transforms existing 155mm artillery systems and munitions into affordable precision weapons
- CEP less than 50 meters
- Affordable, responsive precision expands mission capability of conventional artillery operating in difficult, urban terrain
- Combines guidance and fuzing into one device installed in fuze well – in the field as needed
- Simple, rugged design delivers high reliability and low unit cost
- Compatible with existing platforms and projectiles
- Increases combat effectiveness and lethality
- Reduces the risk of friendly and civilian casualties and collateral damage
- Dramatically reduces the quantity of rounds required to create the desired effects
- Eases logistical requirements

### Demonstrated Precision



**Competitive fly-off conducted with eighteen M549A1 rounds at 20.5 km, PGK demonstrated 21.1 meter CEP**

For information contact: ATK Advanced Weapons  
4700 Nathan Lane North  
Plymouth, MN 55442  
Phone: 763 744-5312

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