One Rocket … One Kill
The Emirates Advanced Investments (EAI) 2.75-inch (70 mm) Laser-Guided Rocket (LGR) integrates Raytheon’s extensive experience in laser seeker technology and continues its proven history in precision air-to-air and air-to-ground munitions development and production. The Raytheon EAI LGR is a low-cost, highly accurate, maneuverable system incorporating Raytheon’s common digital semi-active laser guidance and control kit that mates directly to the front of existing 2.75-inch unguided rockets currently in U.S. and international inventories. It is fully compatible with existing airborne and ground laser designators and requires no modifications to the rocket launcher or aircraft. Design modifications are already in the works for a full lock-on before launch capability without requiring a smart launcher.

This LGR is a precision weapon that exceeds the Advanced Precision Kill Weapon System II (APKWS II) specifications. It fills the critical operational capability gap between unguided rockets and guided heavy anti-tank missiles. LGR provides a lightweight, rapidly deployable and lethal weapon capable of countering the evolving asymmetric threats of the 21st century. The LGR provides an effective weapon against soft to lightly armored point targets while reducing the potential of collateral damage. Moreover, its precision standoff range results in improved platform survivability.
Talon Laser-Guided Rocket

Capability

**Combat Aviation Capabilities Gap**
- Unguided Hydra 70 (Area Suppression)
- Guided 2.75-inch (70 mm) Rocket (Soft and Lightly Armored and Guided Point Targets)
- AGM-114 Hellfire (Heavily Anti-Armor)

**LGR Key Specifications**
- Minimum Range: < 1,500 m
- Maximum Range: > 5,000 m
- Probability of Hit: > 80% within 1.5 m
- Reliability: > 94%

Maturity

- Wind Tunnel
- Laser Seeker Testing
- Warhead Demonstration
- Ground Launch Test Firings

Applicability

Raytheon’s LGR gives armed forces a low-cost, low-risk, combat-effective system.

**Talon The Right Solution for the Warfighter**
- Precise
- Affordable
- Uses current fielded laser designator fire control systems
- Aircraft integration requires no hardware change
- Easy to use and train
- Increased reliability and longer shelf life
- Modularity allows for growth to increase capability, accuracy and range

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