



SkyCeptor™

Hit-to-Kill Air and Missile Defense Interceptor

Defeating Current & Emerging Threats

Raytheon and RAFAEL, two world leaders in advanced weapon system development, offer SkyCeptor as a lethal, flexible and affordable hit-to-kill interceptor to defeat mass raids of threats. SkyCeptor's cost effectiveness ensures that interceptors can be deployed in sufficient quantities to defend effectively against rapidly increasing numbers of asymmetric threats.

Benefits

- Innovative technologies, lethal hit-to-kill interceptor
- Designed for "plug and play" insertion into fielded air and missile defense systems
- High probability of kill against a broad spectrum of current and projected air and missile defense threats
- Effectively intercepts threats during saturation attack
- Large interception envelope
- Cost effective



Integrated Air and Missile Defense Flexibility

Revolutionary Multi-Mission High Performance Interceptor

SkyCeptor delivers superior kinematics, maneuverability and lethality by combining novel innovative steering control, multi-pulse propulsion and a next-generation seeker into a lightweight airframe

SkyCeptor intercepts tactical ballistic missiles and large caliber rockets at keep-out altitudes that minimize collateral damage from debris. SkyCeptor's next-generation multi-sensor seeker detects and tracks the most challenging ballistic missile and air defense threats, while maintaining precision hit-to-kill at end-game. Its high energy and agile steering allow for optimal intercept engagements along threat trajectories. It greatly extends the battle space of current air and missile defense systems. SkyCeptor's lethal hit-to-kill effects ensure a wide margin of tactical overmatch against a broad spectrum of current and projected air and missile defense threats.

SkyCeptor-Affordability

In a world where low-cost threats are proliferating, SkyCeptor provides the warfighter with excellent protection to ensure critical battlefield overmatch against missile and air defense threats.



SkyCeptor

SkyCeptor is an advanced multi-mission interceptor designed for "plug-and-play" insertion into the fielded air and missile defense systems. Integrated easily into a variety of engagement scenarios. SkyCeptor's compatibility with established canister and rail launchers offers maximum operational and deployment flexibility. SkyCeptor's concept of-operation requires minimal cueing from sensor resources to ensure optimum rate of fire - even during saturation attacks. SkyCeptor's modern design inherently fits the future net-centric command and control architectures affordability.



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