

LOCKHEED MARTIN 

QuadStar™

Lockheed Martin's Next-Generation Short-Range Interceptor (NGSRI) Solution



QuadStar™

OVERVIEW

QuadStar™, Lockheed Martin's solution for the U.S. Army's Next-Generation Short-Range Interceptor (NGSRI) program, a Stinger replacement pursuant by the U.S. Army.

Lockheed Martin's NGSRI offering is built off the Miniature Hit-to-Kill interceptor design. QuadStar offers more advanced seeker technology and a more aerodynamic, efficient design. This builds on our broad experience and leverages a modular design, open systems architecture, drives affordability, adaptability, and incorporates the latest applicable technologies into the interceptor and Command Launch Assembly.

This solution is designed to intercept and defeat Short-Range Air Defense targets, but at greater range than the legacy system. The system is designed to be highly effective against unmanned aerial systems, rotary-wing and fixed-wing aircraft, and emerging threats.



COMMAND LAUNCH ASSEMBLY



MISSILE

2030 AND BEYOND

The U.S. Army is looking for improved target acquisition, increased lethality and a greater range to serve its missions of the future. At Lockheed Martin Missiles and Fire Control, we don't just build technology - we create the systems that define tomorrow's defense landscape.

PROVEN PARTNERSHIP

Lockheed Martin has a long-standing relationship with the U.S. Army, and we're ready to demonstrate how NGSRI advances 21st Century Security® with a modernized short range air defense interceptor.

MISSILE SPECIFICATIONS (APPROXIMATE)

- Length: 2m
- Diameter: 70mm
- Mass: 14kg

FEATURES

- Low drag airframe for extended range
- Warhead optimized for greater lethality and expanded threat set
- Low-cost high-performance seeker to support extended-range engagements
- Highly maneuverable airframe for greater effectiveness
- High-performance launcher with advanced optics and algorithms
 - Provides data/tools to enhance engagement intelligence/decision making
 - Rechargeable power pack supports > 120 minutes of continuous operation
 - Ability to track targets in environmental clutter
 - Supports longer range engagement
- Battery Coolant Units not needed to function
- Compatible with Stinger Vehicle Universal Launcher and other launcher variants

CONTACT INFORMATION

Missiles and Fire Control
Business Development
Grand Prairie Site: 972-603-1000
NGSRI BD: 972-207-6508
www.lockheedmartin.com/mfc