SHORAD | Protecting the Maneuver Force

NORTHROP GRUMMAN

The U.S. Army is modernizing its Maneuver Short Range Air Defense capability. Northrop Grumman provides a fully integrated, mobile solution to address and defeat new and evolving threats on today's battlefield.

1. Command and Control (C2) and Communications
2. Directed energy laser weapon system
3. Next generation radio frequency sensors
4. 30mm Chain Gun® cannon with advanced ammunition
5. Assured Position, Navigation, and Timing (A-PNT)
6. Electro-Optical (EO)/Infrared (IR) passive sensors
7. Passive electronic sensor for detection and deterrence

Delivering:

- End-to-end, integrated system to detect, identify, track and defeat diverse air and missile threats to protect the maneuver force
- Combat-proven, scalable C2 network that integrates any sensor to the best effector
- Passive and active sensors that deliver full battlespace awareness and engagement-quality tracking
- Layered defense system of kinetic and non-kinetic effectors to address a wide array of threats and missions
- Advanced High-Energy Laser Weapon System enabling on-the-move, rapid, precise target engagements

DID YOU KNOW?

Northrop Grumman is the prime contractor on the US Army's short range air defense command & control (SHORAD C2) program of record, Forward Area Air Defense Command and Control (FAAD C2), the Air Defense C2 system for the maneuver force.

We were the first to deliver fixed-site protection with a complete laser weapon system integrated with FAAD C2 achieving 46 successful RAM shoot downs.

Our open C2 system controls the short range air defense, counter-rocket, artillery and mortar (C-RAM), and counter-unmanned aerial systems (C-UAS) missions.

Our XM914 30mm Chain Gun® is the kinetic effector of choice for the US Army's initial SHORAD solution for the maneuver force providing system self-defense and effects against UAS threats.

We are the sole provider of our nation's megawatt-class lasers and the world record holder for high power fiber-based laser systems.

We are a world leader in sensor technology ranging from Distributed Aperture System (DAS) sensor to next generation Active Electronically Scanned Array (AESA).

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