

## **L3HARRIS PACK OF LAUNCHED EFFECTS RED WOLF™ AND GREEN WOLF™ SYSTEMS**

Smart, lethal, affordable and ready for the hunt



L3Harris' pack of launched effects is comprised of long- and short-range vehicles that support special warfighter operations in highly contested areas and across multi-domain environments. They can host and deliver a full suite of launched effects from precision kinetic strike and electronic warfare (EW) to target tracking, decoy, communications relay and more. They are flexible and adaptable across all Department of Defense services, enabling shared costs and driving efficiency in defense spending.

### **MATURE PEDIGREE**

L3Harris' low-cost connected effects are backed by more than a decade of development, testing and customer collaboration. With over 40 flights, a high technical and maturity level, and demos conducted globally, they aren't just an aspiration — they're flying today and standing ready to support the U.S. Department of Defense's urgent need for low-cost, mass munitions.

L3Harris has matured and flown the vehicles through programs with multiple Department of Defense (DOD) customers.

Their endurance has been proven in flight testing, demonstrating high subsonic speeds — 200+ nautical mile range at low altitudes and 60+ minutes duration. Modeling data proves greater speed, range and duration capabilities.

The Red Wolf vehicle is the only effects system to successfully launch from a Marine Corps AH-1Z Viper and it exceeds the Marine Corps' Precision Attack Strike Munition (PASM) objectives.

### **LAUNCH VERSATILITY**

Flight testing of L3Harris' launched effects began in 2020 and since then, the vehicles have successfully launched from crewed and uncrewed fixed-wing, rotorcraft and ground-based platforms. They also are capable of rocket-assisted launches from ground or sea platforms.

Our high-altitude, highest-speed jet employs at altitudes above 40,000 feet, with industry-leading propulsion maturity and demonstrated engine starts up to 40,000 feet without the use of pyrotechnics. Its modular nose bay allows up to 300 cubic inches of

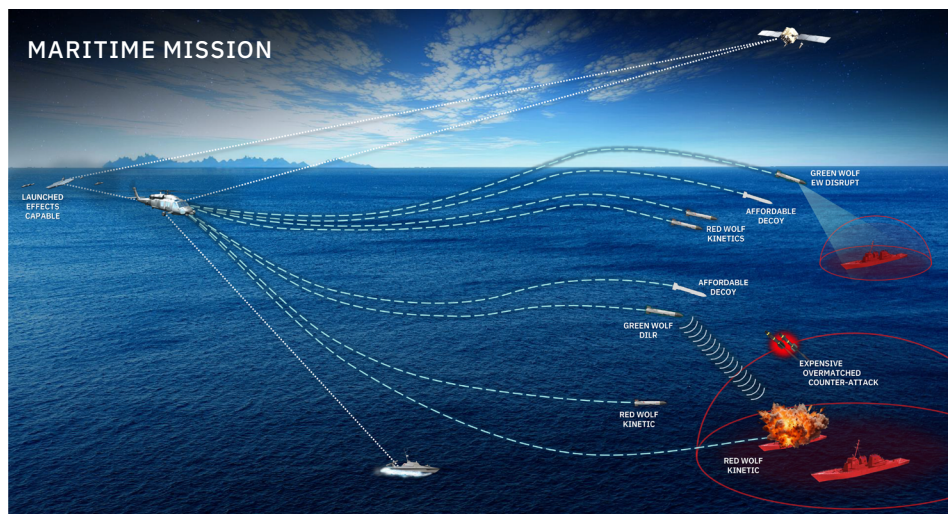
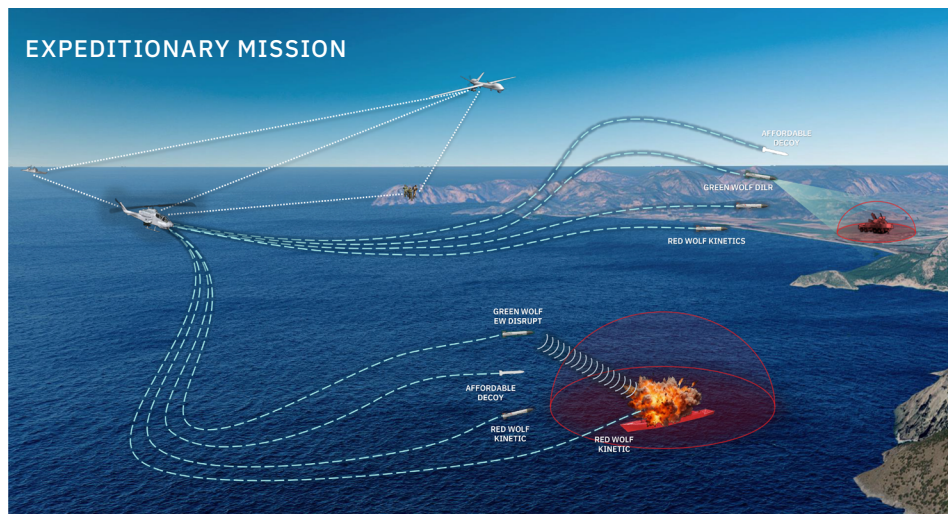
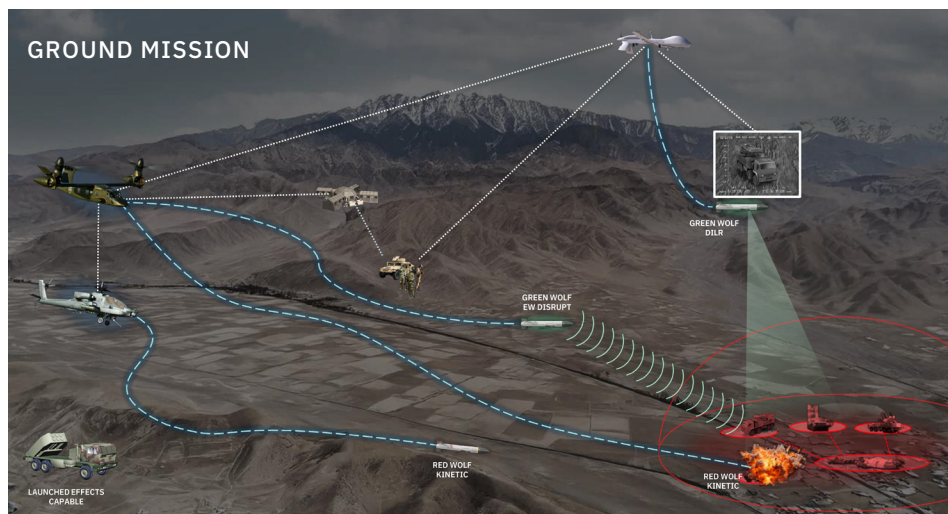
volume for kinetic and non-kinetic payloads. Additional jets round out the portfolio, filling low-altitude missions.

A proven optional parachute recovery system enables quick in-theater refurbishment for back-to-back flights. This also allows warfighters to launch multiple flights, utilize electronic warfare payloads, and reduce per-mission costs without compromising the vehicle or payload effects.



*Red Wolf integrated into a Marine Corps AH-1Z Viper*

## CREATING AN UNFAIR FIGHT WITH THE WOLF PACK



## OPEN SYSTEM ARCHITECTURE AND MODULAR PAYLOAD INTERFACES

Our vehicles share the pedigree of avionics, system integration and test, safety interlocks for airworthiness approval and production line efficiency. Powered by advanced software to enable real-time decisions, in-flight retargeting and networked coordination with other systems, they can adapt to evolving threats.

## RAPID PROTOTYPING, TESTING, MANUFACTURING AND DELIVERY

L3Harris has delivered 1,200+ unmanned aerial vehicles since 2000 and flown more than 400 global sorties to burn down risk and reduce costs.

We have been rapidly prototyping, testing and producing air- and ground-launched systems for special customers for more than two decades.

Our facility in Ashburn, Virginia, has an active vehicle production line moving at the pace of need and scaling for the future. When mass-produced, each unit will be substantially more affordable than traditional munitions available today.

## L3HARRIS PACK OF LAUNCHED EFFECTS (AKA THE “WOLF PACK”)

### RED WOLF – Kinetic Strike



### GREEN WOLF – EW, including Electronic Attack (EA) and Detect, Identify, Locate and Report (DILR)



Growing pack of launched effects based on internal investments and customer needs



### Launched Effects

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