

## Elbit Systems presents to the Hellenic Airforce its Aircraft Self-Protection System

On September 23, 2024, representatives from **Elbit Systems** and **Lockheed Martin** met with officials from the Hellenic Air Force General Staff, as well as personnel from the Hellenic Tactical Air Force and Hellenic Air Force Support Command.

The key representatives from Elbit Systems were:

- Mr. Reuel Manela (VP IR Integrated Systems Business Line)
- Ms. Orit Shemer (Senior Director)

From Lockheed Martin:

- Mr. Michael McSpadden (Engineer)

The primary objective of this meeting was to showcase the capabilities of Elbit Systems' **Aircraft Self-Protection System**, a defensive technology designed to enhance aircraft survivability. This presentation highlighted the technological advantages that their aircraft's self-defense systems.

Elbit Systems is positioning itself as a major player in defense against the growing threat of drone warfare through its **EW (Electronic Warfare) Airborne "Suite"**. Unveiled at the **Paris Airshow 2023**, this advanced suite integrates cutting-edge technology to defend against drones and other aerial threats like missiles, lasers, and radar detection.

The core components of the suite include:

- Radar Warning Receivers (RWR)
- IR Missile Warning Systems (MWS)
- Laser Warning Systems (LWS)
- Counter Measure Dispenser Systems (CMDS)
- Electronic Counter Measure Jammers
- Directed Infrared Countermeasures (DIRCM)

The system, operational on hundreds of aircraft, combines these features into a unified defense platform. It works to protect both military and commercial aircraft from the dangers posed by **Unmanned Aerial Systems (UAS)**, especially those misused for malicious purposes, such as explosive-laden drones.

Recent conflicts, like the war in Ukraine and incidents involving ISIS, have highlighted the serious damage that drones can cause. They pose threats not only to aircraft but also to ground units by evading radar and gathering intel. Elbit's "suite" defends against this growing menace by providing a comprehensive shield of electronic countermeasures, ensuring aircraft survivability in increasingly hostile skies.

Elbit's **ALL-in-SMALL™** technology is a key element that distinguishes it globally. This compact system merges diverse aspects of electronic warfare, providing full-spectrum protection in a sleek and efficient design that meets the complex demands of modern aerial combat.

The increasing global interest in Elbit's solution reflects the urgent need for effective counter-drone defense systems. With rapid advancements in drone technology, staying ahead of the evolving threats has become critical for both military and civilian aviation.

