

SPIKE™ ER2

Extended Range 5th Generation EO-Guided Missile System for Ground, Air & Maritime Overmatch

Ensuring Rotary Dominance, Ground Overmatch & Naval Deterrence

SPIKE ER2 is an extended range 5th generation multi-purpose, multi-platform, multi-domain electro-optical guided missile system, designed for the complex challenges of modern warfare.

The SPIKE ER2 missile offers the optimal weight-to-range ratio, allowing standoff of up to 10-16 km while weighing only 34 kg. This capability enables light and agile platforms (ground, rotary, or maritime) to be modernized while maintaining their maneuverability and agility.

The system's enhanced capabilities enable precision engagement of either direct or non-line-of-sight targets from the ground, in the air, at sea – delivering unprecedented tactical overmatch for ground tank hunter units, attack helicopter squadrons, and naval flotillas.

Benefits

- Enhanced lethality against all types or targets
- Powerful Tandem HEAT warhead or PBF (Penetration-Blast-Fragmentation) for anti-structure/anti-ship missions
- Extended stand-off range
- Pinpoint accuracy at long range
- Operational modes: Fire & Forget / Fire & Observe / Fire to Target Coordinates
- RF and GPS jamming immunity
- Full commonality with all SPIKE missile launchers (ground, air, sea)
- Operational, qualified in 34 armed forces and integrated with 45+ different platforms
- Reduced weight (34 kg)
- Very low Life Cycle Cost (LCC)



Unmatched Technological Overmatch

SPIKE ER2 includes a real-time fiber optic data link for surface engagement and an RF data link for rotary applications, enabling Man-in-the-Loop retargeting and firing against Beyond-Line-Of-Sight (BLOS) and Non-Line-Of-Sight (NLOS) targets.

Enabling simple and rapid rotary platform integration, SPIKE ER2 has been integrated on 10 different types of attack and utility helicopters, dramatically enhancing both the lethality and survivability of the aircraft.



Main Capabilities

- Embedded IMU for 3rd party target allocation missions, network-enabled
- Multispectral seeker & target tracker
- High-resolution IR and day sensors
- Selectable flight trajectories offering low, medium or high angles of attack
- Mid-flight abort-mission capability
- Very high armor penetration capabilities



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