

SPIKE ER2™ Missile Weapon System

5th Generation Extended Range Missile



Joint 5th Generation Tactical Overmatch for Ground Maneuver, Rotary Dominance & Naval Deterrence

Features

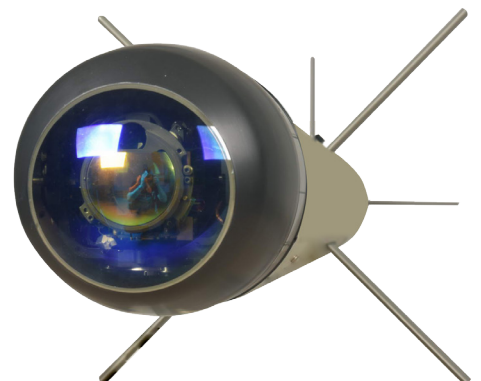
- Enhanced Engagement Range :
 - Surface Launch – up to 10 km (Fiber optic data link)
 - Rotary Launch – up to 16 km (RF data link)
- 5th Generation Advanced Seeker:
 - High-resolution IR and day sensors
 - Multi-spectral target tracker (Enables sensor data fusion) including a maritime target tracker
 - Real-time sensor “hotswap” capabilities
- Increased Lethality:
 - Anti-tank
 - Anti-structure
 - Anti-ship
 - Anti-personnel

SPIKE ER2 continues the legacy of the SPIKE ER (Extended Range) missile that is being fired today from vehicles, helicopters, ships, and ground launchers around the world. RAFAEL has supplied over 30,000 SPIKE Missiles and systems to over 30 countries. The SPIKE ER2 with its enhanced capabilities delivers unprecedented tactical overmatch for helicopter squadrons and tank hunter units.

SPIKE ER2 is a 5th generation multi-purpose, multi-platform precision missile system.

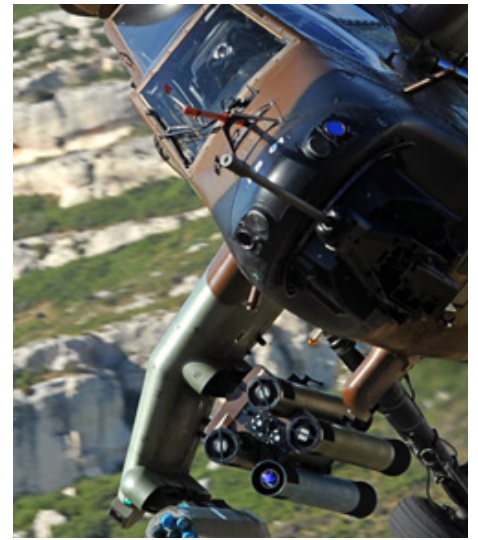
Provisioned for NCW with NLOS Engagement Capabilities:

Based on an embedded IMU (Inertial Measurement Unit) for missions of third party target allocation, the system allows the firing of the missile to a grid target coordinate with no line of sight (NLOS).



Benefits

- Built-in compatibility with all SPIKE legacy launchers
- Enhanced force survivability due to extended stand-off range
- Increased lethality against large variety of targets
- Mid-flight abort-mission capability
- High hit/kill probability
- Multispectral Target tracking



Technical Specifications

Weapon Range	Ground launch: 10km Rotary: 16km
Round Weight	34kg
Lethality	Anti-tank, anti-ship, anti-structure, anti-personnel
Platforms	Helicopters, vehicles, naval vessels, tripods



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