



# AEROSPIKE™

Next-Gen. Precision Stand-Off  
Air-to-Surface EO-Guided  
Missile System for Light  
Attack Aircraft

## Powerful Stand-Off Solution for Close Air Support Missions

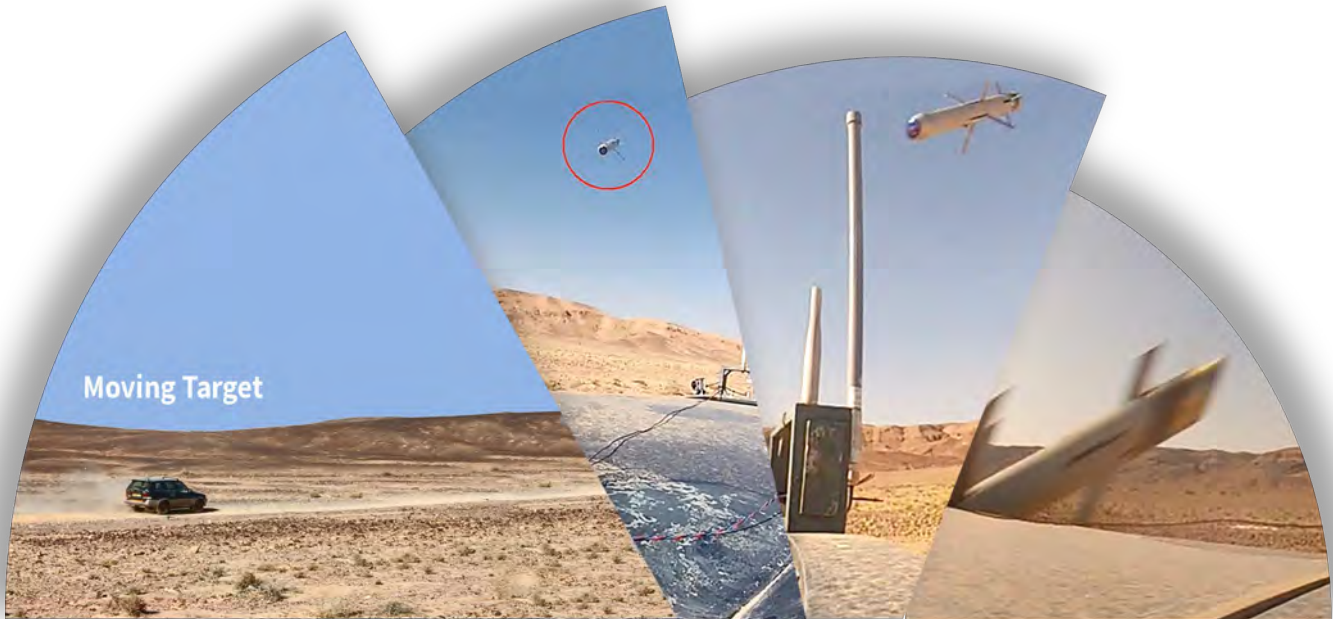
AEROSPIKE is a state-of-the-art, next-generation Electro-Optical missile system that meets the complex needs of modern warfare.

Providing a powerful solution for CAS and asymmetric warfare scenarios, AEROSPIKE enables the precision engagement of dynamic and Time Critical Targets (TCT) in GPS-denied arenas from a stand-off range of up to 30 km, while assuring minimal collateral damage.

AEROSPIKE's light weight and advanced capabilities make it ideal for the close air support missions performed by light attack aircraft.

## Benefits

- High lethality against multiple types of targets including TCTs
- Pinpoint accuracy at stand-off ranges
- Day, night and adverse weather operation
- Impact flexibility (on impact, delayed)
- Low collateral damage
- Battle Damage Indication (BDI)
- Low aircrew workload, simple mission planning
- Low Life Cycle Cost (LCC)



## Cutting-Edge Technologies

AEROSPIKE incorporates RAFAEL's advanced technologies inherited from the legacy of SPIKE ATGM.

The AEROSPIKE system is based on a sophisticated Electro-Optical seeker which includes a high-quality IR sensor and an advanced high-resolution VIS sensor. The unique dual-sensor design enables exceptional detection and tracking capabilities. It allows the operator real-time swapping between IR and VIS sensors during flight – achieving optimal video according to target shape and color, time and environmental conditions.

## Unmatched Performance

The Electro-Optical guidance system and real-time data link for HITL operation are supported by advanced and sophisticated scene-matching technology.

This combination enables pinpoint precision, retargeting, BDI and mid-mission abort capabilities.

AEROSPIKE operates at a stand-off range of up to 30 km with unparalleled accuracy, day and night, under adverse weather conditions, and in a low cloud environment.

The system's powerful tandem-shaped charge warhead is most suitable for air-to-ground missions, for a verity of target sets.

## Main Capabilities

- Extended range up to 30 km
- Dual-sensor seeker
- Real-time swapping between IR and VIS sensors
- Controlled munition trajectories
- Secure data link and mid-mission abort/re-target capability
- Lethal 10 lb. variable-effect tandem warhead



AIR & C<sup>4</sup>ISR DIVISION

Tel: +(972)73-336-8503

Fax: +(972)73-336-6257

HQ Tel: +(972)73-335-4714

Fax: +(972)73-335-4657

Email: Intl-mkt@rafael.co.il [www.rafael.co.il](http://www.rafael.co.il)

AEROSPIKE™ is a trademark of RAFAEL Advanced Defense Systems Ltd.  
UNC.66783/0722/32/ENG/Graphic Design Dep/404