ADVANCED CONCEPTS

ALLAG-E

THREAT DETECTION. AERIAL PROTECTION.

LOW-ALTITUDE GROUND-TO-AIR COUNTER-DRONE SYSTEM

The ADVANCED CONCEPTS ALLAG-E is a counter-drone system that provides protection against hostile aircraft operating at low altitudes, whether reconnaissance drones, loitering munitions, multirotor UAVs or other aerial threats.

The ground-to-air system is designed to detect and intercept aerial vehicles operating at speeds up to 200 km/h at altitudes up to 3,000 m (9,900 ft). It features a 1.7kg warhead with fragmentation and cutting disk charge and proximity sensor. The system is operational, even in anti-jamming environment, through an RF link in guided mode and optical flow in attack mode.

SPECIFICATIONS

KEY FEATURES

- 1.7kg warhead
- Cutting disk-type charge and proximity sensor
- Lethal against ISR drones, loitering munitions, multirotor UAVs

SPECIFICATIONS

Wingspan	700 mm
Length	900 mm
MTOW	8.5 kg
Engine	2 x EDF (electric-ducted fan)
Communication range (LOS)	15 km
Payload	1.7 kg
Warhead type	Fragmentation, cutting disk
Fragmentation Lethal Radius	5+ m
Target Accuracy	<IO m
Navigation	Ground-guided in cruise, self-guiding in attack
Operation in Anti-Jamming Environment	RF link in guided mode, optical flow in attack mode
Max airspeed	250+ km/h