



COMBAT COPTERS · UNMANNED COMBAT COPTER, AIR-DROP BOMBER

Shahab UCC

Unmanned combat copter and air-drop bomber for close-range precision fire support.

MISSION ROLE	RANGE	ENDURANCE	PAYLOAD	LAUNCH	RECOVERY
Close-range precision fire support	5 km strike / 15 km C2	45 min	8 kg, 4× 60 mm mortar	VTOL	VTOL, reusable

SYSTEM OVERVIEW

Shahab UCC is an advanced Air-Drop Bomber (ADB) platform engineered to deliver high-precision tactical strike and close-range battlefield fire support. Designed for rapid-response operations, it carries and deploys warhead payloads of up to 8 kg with an effective strike radius of up to 5 km, enabling accurate engagement of fortified positions, high-value targets, and time-sensitive threats.

Equipped with a stabilized EO/IR payload, Shahab delivers real-time target acquisition and day-and-night surveillance, with roughly 60 minutes of loiter for target confirmation and mission planning before engagement. It combines precision guidance, robust flight stability, and mission-ready reliability for modern combat, counter-insurgency, and special operations.

TECHNICAL SPECIFICATIONS

Performance

Operating range	5 km
Comm range	10–15 km
Speed	8 m/s cruise / 15 m/s max
Altitude	1,000 m AGL
Endurance	up to 45 min
Propulsion	Electric

Physical

Wheelbase	2.05 m
Weight	22 kg (without payload)
Construction	Carbon fiber & reinforced plastic

Payload (8 kg) & Guidance

Munitions	4× 60 mm mortar
Optical	30× EO 50 mm, IR 640×512, 2 km LRF, AI track
Flight phase	Pilot-in-command / auto

KEY CAPABILITIES

- Up to 8 kg payload, 5 km strike radius
 - 4× 60 mm mortar munitions
 - 30× optical-zoom EO + IR 640×512, 2 km LRF, AI lock & track
- Pilot-in-command / autonomous flight
 - Carbon-fiber & reinforced-plastic airframe
 - 10–15 km command-and-control range