



TARGET DRONES AERIAL TARGET DRONE, JET

Hadaf I

Jet-powered aerial target for realistic SHORAD and E-SHORAD live-fire training.

MISSION ROLE	RANGE	ENDURANCE	PAYLOAD	LAUNCH	RECOVERY
SHORAD live-fire target	20 km	15 min	IR flares / Luneburg lens	Catapult launch	Parachute recovery

SYSTEM OVERVIEW

Hadaf-I is a jet-powered aerial target drone engineered to support SHORAD and E-SHORAD weapon-system training, evaluation, and live-fire exercises. Its compact airframe and high-speed performance enable realistic simulation of modern aerial threats, including loitering munitions and fast, low-signature targets, making it an ideal training asset for air-defense units.

Delivering a cruise speed of approximately 80 m/s across variable altitude profiles reaching up to 5,000 m, Hadaf-I provides a dynamic, challenging engagement envelope. Designed for operational reliability and repeatable mission profiles, it enables consistent target presentation and accurate performance assessment of air-defense systems.

TECHNICAL SPECIFICATIONS

Performance

Speed	80 m/s
Range	20 km
Altitude	5,000 m
Endurance	15 min
Propulsion	Jet

Payload & Guidance

Enhancers	IR flares / Luneburg lens
Flight phase	GNSS guided

KEY CAPABILITIES

- Jet-powered, ~80 m/s threat replication
- Variable altitude profiles up to 5,000 m
- Simulates loitering munitions & fast low-signature targets
- Repeatable, reliable mission profiles
- Realistic SHORAD / E-SHORAD training
- GNSS-guided autonomous flight