

TARGET DRONES · AERIAL TARGET DRONE

Hadaf III

Next-generation aerial target reaching 110 m/s across a 50 km mission radius.

MISSION ROLE

Wide-area air-defense validation

RANGE

50 km

ENDURANCE

45 min

PAYLOAD

IR flares (4×) / Luneburg lens

LAUNCH

Catapult launch

RECOVERY

Parachute recovery, reusable

SYSTEM OVERVIEW

Hadaf-III is a next-generation aerial target platform engineered to replicate realistic, high-performance airborne threats for advanced air-defense system evaluation and live-fire training. Built for agility and speed, it achieves velocities of up to 110 m/s and operates at a ceiling of 3,000 m, enabling accurate simulation of fast-moving aerial targets.

With an extended mission radius of up to 50 km, Hadaf-III provides wide-area coverage and sustained engagement envelopes. Its versatile flight profile and configurable threat characteristics make it ideal for validating both E-SHORAD and LOMAD weapon systems.

TECHNICAL SPECIFICATIONS

Performance

Speed	100–110 m/s
Range	50 km
Altitude	3,000 m
Endurance	45 min
Propulsion	Gasoline (ICE)

Physical

Wingspan	9.0 ft
Length	10.0 ft
Weight	45 kg

Payload & Operability

Enhancers	IR flares (4×) / Luneburg lens
Flight phase	GNSS guided
Wind / Sea state	10–15 knots / Level 3
Temperature	–10 °C to 55 °C

KEY CAPABILITIES

- Up to ~110 m/s, 3,000 m ceiling
 - 50 km mission radius
 - High- and low-RCS configurations
- IR flares (4×) / Luneburg lens
 - E-SHORAD & LOMAD validation
 - Reliable, repeatable target presentation