

Iris Jet Target System

The supreme quality of air breathing
threat representation in the high-end
subsonic region



IRIS Jet

The image features a large, red, multi-engine jet target system. One version is shown in flight against a cloudy sky, while another is displayed on a complex metal support structure in an industrial setting. The background is a blue gradient with abstract circular patterns.

Iris Jet

"IRIS JET" Aerial Target has been designed to cover requirements for target drones with high subsonic speed, high maneuverability and increased payload capability for high performance A/A Weapon Systems firings.

Performance

- Maximum speed: 460 kts
- Maximum Altitude: 40,000 ft
- Minimum Altitude (no radar Altimeter): 196 ft
- Minimum Altitude (with radar Altimeter): 33 ft
- Maximum Flight Endurance (@ V_{eco}): 60 min
- Maximum Sustained Maneuverability: 6 g



RCS enhancement	IR radiation	Counter Measure	Visual	Other
RF amplifiers Luneberg Lens Corner Reflectors Aluminum Stripes	IR Flares Natural IR emission from Jet engine exposition	IR Flares Chaff	Smoke	Radar Altimeter IFF Video Camera MDI Laser Reflectors GFE

Payload Capability

Basic Dimensions (m)

- Length: 4.0
- Wing Span: 2.81
- Height: 0.85

AD Weapon System portfolio

ESSM, NSSM, SM-1, SM-2, NASAMS,
TOR M1, HAWK, PATRIOT, BARAK, SPYDER,
AMRAAM AIM-120A,B&CVariants (F/A 18, F-16)



Key Features

- High subsonic speed.
- High maneuverability.
- High thrust to weight ratio.
- Wide thrust/speed range.
- Multiple flight capability.
- Commonality with other EADS 3 SIGMA target systems.
- High payload capability in terms of volume and weight.
- Sea skimming flight capability.

