

IDS-GHOST AERIAL TARGET SYSTEMS

IDS GHOST is India's first high performance High Speed Expendable Aerial Target System (HEAT) built for a variety of air defence training and testing applications. Its high speed, High endurance and high pay load carrying capability makes it an agile target system for joint defence requirements. Its Modular design makes it the best choice for adapting to varieties of mission requirements.

PHYSICAL SPECIFICATION

Wingspan	2.5 meters
Length	3.0 meters
Power	2 x 40 kg jet engines
Fuel	Jet – A1

PERFORMANCE

Speed Range (operating)	50 – 220 m/s (180 –792 km/h)
Never Exceed speed	240 m/s (864 km/h)
Launch Speed	45 m/s (162 km/h)
Operating Range	> 100 km (54nm)
Endurance (wide open throttle)	> 45 min
Endurance (mixed throttle)	> 70 minutes
Maximum Altitude	8000 meters ASL
Minimum Altitude	5 meters ASL
Recovery	Parachute

FEATURES

Autopilot	Fully indigenous advanced flight computer and avionics for highest level of autonomy from take off to recovery
Telemetry	Reliable telemetry over user defined frequencies.
Safety Feature	One-click RTH in distress. Return to home (RTH) in the event of comm. loss
Payloads	3 x Luneberg Lenses Up to 8 smoke tracking flares Up to 16 infra-red Tracking flares Radar altimeter, sea-skimming module Acoustic and Doppler radar MDI Navigation and hazard Lights for night ops
Indigenised contents	Aircraft Design, Airframe, Autopilot, Payloads, Parachute , Electricals and cable harnessing, Launcher System

