

Jet Banshee Aerial Target System



Key Features

Versatile

Suitable for use on land and at sea.
Suitable for use against surface to air and air to air weapon systems

Adaptable

Target performance and enhancement easily varied with plug-in modules

Proven

Target airframe and enhancements proven worldwide over many thousands of hours of in-service operation.



Description

Developed from the successful Banshee target, which continues as the workhorse of choice to meet the worlds air defence training requirements, this new, jet engine version has been developed to fulfil two emerging requirements. The first is the requirement for an affordable and reliable target that is faster than the propeller driven Banshee. The second is the provision of a realistic, complete 360 degree IR signature.

Jet Banshee fulfils both of these requirements as it has a top speed in excess of 135 metres/second when fitted with the patented Hot Nose which provides a forward and side looking IR source with output in Bands I, II and III. whilst the jet engine provides a realistic rearward looking IR signature.

All of the other, well proven augmentation devices traditionally available to Banshee may also be fitted to this jet engine derivative.

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Alternative features are available to vary the system's performance, to suit customer requirements and provide specific enhancement for a range of weapon system sensors. These include passive and active radar enhancement, radar chaff and infrared decoy dispensing pods, a daylight surveillance package, pyrotechnic visual and infrared enhancements, plus a variety of black-body infrared augmentation devices.

SPECIFICATION

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| Wing span | 2,49 metres (8 ft. 2 in) |
| Length | 2,86 metres (9 ft. 5 in) (Typical. Dependent upon configuration) |
| Height | 0,78 metres (2 ft. 6 in) |
| Speed range | 50 - 139 m/s (97 - 270 knots) (180 - 500 km/hr) |
| Launch speed Catapult | Minimum 32 m/s (62 knots) (115 km/hr) Dependant on all up weight. |
| Range | >100 km (60 miles) |
| Endurance | > 30 minutes at continuous Wide Open Throttle > 50 minutes at typical mission, mixed throttle settings |
| Operational Envelope Maximum altitude Minimum altitude | 8000 metres (26,000 ft.) Five metres (16 ft.) |
| Recovery | Parachute |
| Stabilisation | MDS CASPA Avionics with Digital Autopilot and 3-Axis IMU |
| Tracking and telemetry | Integrated GPS, Autonomous Waypoint Navigation and Digital Telemetry Systems. |
| Typical payloads | Up to 16 smoke tracking flares Up to 16 Infra red tracking flares <i>(Combinations of flares may be carried and activated as required).</i> Hot nose, black-body IR source. IR and chaff decoy dispensing pods IFF transponder capable of modes A and C Two of 7.5" and/or 2 off 5.5" Luneberg Lenses Frequency specific, active radar augmenters Radar altimeter, sea-skimming module Acoustic and Doppler radar MDI <i>(These payloads may be mixed and most carried simultaneously)</i> |

This data may be changed without notice and is not binding.