



# *Innovation in Aerial Targets*



**Delivering  
High Performance  
Aerial Target System  
To The International  
Marketplace**

***BQM-177i* INTERNATIONAL VARIANT AERIAL TARGET**

Approved for public release; distribution is unlimited

# **BQM-177i INTERNATIONAL VARIANT AERIAL TARGET**

The BQM-177i is designed to meet the need for highly dynamic, high subsonic low altitude anti-ship cruise missile emulation. Capable of speeds in excess of Mach 1 and altitudes of over 13,700 meters, the target additionally fulfills missions including the test and evaluation of new weapons systems as well as the training of aviators in air to air combat by simulating enemy aircraft.

The BQM-177i is based upon the platform which was recently selected as the singular choice of the US Navy for their next generation of subsonic aerial targets.

The BQM-177i can support various mission requirements by carrying a variety of internal and wing tip mounted payloads. Payloads include smoke, scoring, IFF, passive and active radar augmentation, infrared (IR) including plume pods and internal chaff and flare dispensing, and electronic counter measures.

## **SPECIFICATION**

Length	5.18 m
Wingspan	2.13 m
Dry Weight	236 kg
Engine	445 daN Thrust Turbojet
Maximum Launch Weight	635 kg
Internal Payload Capacity	.085 m <sup>3</sup>
Wing Station Payload Capacity per side	45.35 kg
Maximum Speed	1.1 Mach
Operational Altitude	3.4 m AGL to 13,716 m MSL
Maneuverability	-2g to 9g
Std. Fuel Capacity	238.5 l
Smoke Oil	8.32 l
Command & Control System	Configurable (Up to 8 simultaneous targets)
Other Capabilities	IR Tows IR Captive Wing Pods RF Tows RF Captive Wing Pods Chaff/Flare Dispensing EA Payloads (Pod or Internal)

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