



Innovation in Aerial Targets



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

BQM-167A AERIAL TARGET SYSTEM

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SPECIFICATION

Due to its exceptional performance, the BQM-167A is the singular sub-scale aerial target in use by the United States Air Force. The primary missions of the BQM-167A are the test and evaluation of new weapons systems, and the training of aviators in air to air combat against a threat representative target system.

With a standard fuel capacity of 115 U.S. gallons, 85% greater than the legacy platform it replaced, the BQM-167A has routinely proven the capability to more than double its time on station. This capability routinely triples the number of presentations for missile shots over the same legacy target system and greatly reduces the overall cost of ownership.

The BQM-167A can support various mission requirements by carrying a variety of towed targets, 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.

Length	20 ft.
Wingspan	10.5 ft.
Dry Weight	650 lbs.
Engine	1000 lb. Thrust
Turbojet	
Maximum Launch Weight	2050 lbs.
Internal Payload Capacity	645 lbs/7 ft. ³
Wing Tip Payload Capacity	100 lbs per side
Wing Station Payload Capacity	150 lb. per side
Maximum Speed	.93 Mach
Operational Altitude	50 ft. AGL to 51,000 ft.
MSL	
Maneuverability	-2g to 9g
Std. Fuel Capacity	115 US Gallons
Maximum Fuel Capacity	135 US Gallons
Smoke Oil	5 US Gallons
RATO Thrust	9000 lbs.
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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