 MQM-178
HIGH-PERFORMANCE AERIAL TARGET

The MQM-178 fills a variety of end-to-end weapons-release roles for surface-to-air and air-to-air training scenarios. Capable of flying a wide variety of speed and performance profiles, the MQM-178 delivers unmatched versatility by providing users the opportunity to test multiple weapon systems with one flexible and affordable aerial target system.

The smallest of Kratos’ aerial targets, the MQM-178 is capable of carrying a combination of internal and external payloads including tow targets, scoring, passive (RF) augmentation, and infrared (IR) augmentation (hot nose, fixed flares).

Pneumatically-launched, the MQM-178 provides significantly-reduced operating costs by eliminating the need for expensive Rocket-Assisted Take-Off (RATO) equipment and facilities.

Please contact Kratos for more information about integration of customer-furnished payloads.

Export sales of this product are subject to U.S. Government approval.

Specifications subject to change without notice.

Length: 10.8 ft | 3.3 m
Wingspan: 6.5 ft | 1.9 m
Dry Weight: 130 lb | 59 kg
Engine/Thrust: JetCat C81 Turbojet 2 x 81 lbf | 37 kg
Max Launch Weight: 320 lb | 145 kg
Max Internal Payload Capacity: 70 lb | 32 kg
Max Wing-Tip Capacity (per side): 20 lb | 9 kg
Max Wing Station Capacity (per side): 35 lb | 15.9 kg

Max Speed: 0.69 Mach
Operational Altitude: 20 ft / 6 m AGL to 35,000 ft / 10,670 m MSL
Maneuverability: Manual/Pre-Programmed from -2G, to 9G

Fuel Capacity: 17 Gal | 64.4 L
Smoke Oil: 0.5 Gal | 1.9 L

Command & Control: Configurable (up to 8 targets simultaneously)
Other Capabilities: IR and RF Tow Targets, IR and RF Augmentation, Hot Nose, Fixed Flares, Scoring