

Unmanned Systems

BQM-34 Firebee

High Performance Aerial Target System



NORTHROP GRUMMAN DEFINING THE FUTURE™

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BQM-34 Firebee

The Most Capable and Reliable High Performance Aerial Target System

The primary mission of Firebee is to simulate tactical threats by enemy aircraft and missiles for defense readiness training, air-to-air combat training and the development and evaluation of weapons systems. It can fly as fast as Mach 0.97, at levels as low as 10 ft above the sea surface, or at altitudes as high as 60,000 ft. It is capable of performing seven-g turns while maintaining high airspeeds for realistic threat presentations.

With its high-thrust engine, advanced microprocessor flight control system, rugged airframe, and wide assortment of mission augmentation systems, the BQM-34 Firebee is the premier high performance aerial target system in use today. It can be readily modified to meet other special tactical UAV mission needs.

Such performance, with the ability to survive the hits and near misses of repeated missions and return to fly again, explains why the Firebee has been in constant use by three American military services for more than five decades. Today, the BQM-34 Firebee remains "The User's Choice," successfully meeting the most challenging training and test and evaluation mission requirements while continually demonstrating new tactical versatility.

Specifications

Length	22.9 ft (6.9 m)
Wingspan	12.9 ft (3.9 m)
Height	6.7 ft (2.1 m)
Normal Gross Weight	2,150 lbs (975.3 kg)
Max Gross Weight	3,100 lbs (1,406.2 kg)
Speed (Max)	Mach 0.97*
Service Ceiling	60,000 ft (18.3 km)*
Endurance	Up to 115 Minutes*
Engine	GE J-85-100, 2850 lbs (1292.7 kg) Thrust

* Dependent on configuration and flight scenarios.

Payloads

- Wing Tip Infrared or 100-Pound ECM Pods
- Vector Scoring with Telemetry
- Chaff Dispensing (Internal or Underwing Capabilities)
- IFF and Locator Beacons
- Radar Augmentation

Special Operations

Easily modified to support unique payload and mission requirements. Capable of autonomous waypoint navigation in both air and ground launch configurations.

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Bogie at Eleven

The Firebee's maneuverability, reliability, and payload flexibility makes it the target of choice for DOD test and evaluation activity.

