MQ-4C Triton

Persistent Maritime Intelligence, Surveillance and Reconnaissance

THE VALUE OF *PERFORMANCE.*

NORTHROP GRUMMAN

MQ-4C Triton

Northrop Grumman's MQ-4C Triton, the airborne element of the U.S. Navy's Broad Area Maritime Surveillance Unmanned Aircraft System (BAMS UAS), is the next generation of the Defense Department's high altitude, long endurance UAS. The Triton's ability for continuous sustained operations over an area of interest at great distances enables it to provide persistent maritime intelligence, surveillance, and reconnaissance (ISR) directly to the maritime commander.

The MQ-4C Triton is a maritime derivative of the RQ-4B Global Hawk and provides the U.S. Navy with an advanced autonomous air vehicle and state-of-the-art, service-oriented architecture mission control system. Incorporating Navy requirements into a family of air vehicles that are in production and combat proven provides a cost-effective system with the greatest capability at the lowest risk.

MQ-4C Triton.

Key Features

- Provides persistent maritime ISR at a mission radius of 2,000 nm; 24 hours/7 days per week with 80% Effective Time on Station (ETOS)
- Land-based air vehicle and sensor command and control
- Afloat Level II payload sensor data via line-of-sight
- Dual redundant flight controls and surfaces
- 51,000-hour airframe life
- Due regard radar for safe separation
- Anti/de-ice, bird strike, and lightning protection
- Communications bandwidth management
- Commercial off-the-shelf open architecture mission control system
- Net-ready interoperability solution

Payload (360-degree Field of Regard)

- Multi-Function Active Sensor Active Electronically Steered Array (MFAS AESA) radar
  - 2D AESA
  - Maritime and air-to-ground modes
  - Long-range detection and classification of targets
- MTS-B multi-spectral targeting system
  - Electro-optical/infrared
  - Auto-target tracking
  - High resolution at multiple field-of-views
  - Full motion video
- AN/ZLQ-1 Electronic Support Measures
  - All digital
  - Specific Emitter Identification
- Automatic Identification System
  - Provides information received from VHF broadcasts on maritime vessel movements

Specifications

Wingspan	130.9 ft (39.9 m)
Length	47.6 ft (14.5 m)
Height	15.4 ft (4.6 m)
Gross Take-off Weight	32,250 lbs (14,628 kg)
Max. Internal Payload	3,200 lbs (1,452 kg)
Max. External Payload	2,400 lbs (1,089 kg)
Self Deploy	8,200 nm (15,186 km)
Max. Altitude	56,500 ft (17.22 km)
Max. Velocity	331 knots True Air Speed (TAS)
Max. Endurance	28 hrs

For more information, please contact:

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