MQ-8B Fire Scout

Unmanned Air System

THE VALUE OF *PERFORMANCE.*

NORTHROP GRUMMAN

MQ-8B Fire Scout

The Fire Scout unmanned air system provides unprecedented situational awareness and precision targeting support for the U.S. Navy.

The MQ-8B Fire Scout has the ability to autonomously take off and land from any suitably-equipped air-capable warship and at unprepared landing zones.

The MQ-8B advanced control stations incorporate the U.S. Navy's Tactical Control System (TCS), Tactical Common Data Link (TCDL), and robust communications. A modular mission payload capability allows continued growth into new payloads, and a highly reliable air vehicle that meets or exceeds all U.S. Navy performance criteria.

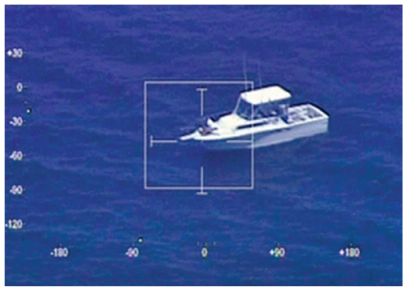
With a total endurance of almost eight hours, the Fire Scout can provide almost five hours time-on-station with a standard payload at 110 nmi (200 km) from the launch site. A system of two Fire Scouts can provide continuous coverage at 110 nmi. Utilizing a payload that includes electro-optical/infrared sensor with laser rangefinder/illuminator and a maritime radar, the Fire Scout can find and identify tactical targets, track and illuminate targets, accurately provide targeting data to strike platforms and perform battle damage assessment.

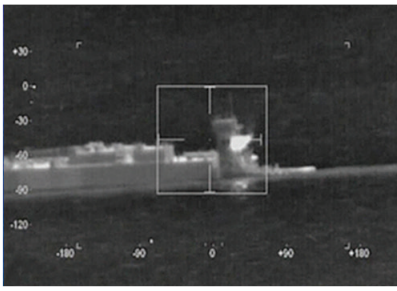
Acting as a communications node with its multiple V/UHF radios within the proposed Network-Centric Warfare Battlespace, the Fire Scout will increase the effectiveness and flexibility of the C4I architecture. The program is managed by the Multi-Mission Tactical UAS Program Office at Patuxent River, Md.

Fully Autonomous Operations

- No pilot in the loop required for launch and recovery
- In-flight vector mode
- In-flight mission plan update capability
- Expanded flight envelope
- Minimal impact on host ship operations
- Minimal support personnel requirements

MQ-8B Fire Scout is part of Northrop Grumman's family of unmanned aircraft systems that have been delivered to customers worldwide for more than 70 years.





Supplying the Armed Forces with organic intelligence, surveillance, reconnaissance, and targeting (ISR/T).

Specifications

Length ..... 23.95 ft (7.3 m)
Width..... 6.20 ft (1.9 m)
Height ..... 9.71ft (2.9 m)
Rotor Diameter ..... 27.50 ft (8.4 m)
Blades Folded Forward ..... 30.03 ft (9.2 m)
Weight ..... 3,150 lbs (1428.8 kg)
Propulsion..... Rolls Royce 250-C20W Turboshaft

Performance

Speed ..... 85 knots
Ceiling..... 12,500 ft (3.8 km)
Range/Endurance .....596 nmi/7.75 hrs with baseline payload
Payload ..... 300 lbs
Typical Payload .....150 lbs

Payloads

EO/IR/LRF/Mine Detector/Comm Relay/ Maritime Radar/AIS

For more information, please contact:

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