

FIREBIRD

PERSISTENT MULTIPLE INTELLIGENCE GATHERING AIR SYSTEM

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Firebird is a new breed of aircraft system that increases real-time data collection through simultaneous use of multiple intelligence, surveillance, reconnaissance (ISR) and communications sensor payloads on a single platform. The system was designed for either manned or unmanned flight.

The data that Firebird gathers is placed into a single tool that allows users to easily exploit the data to make decisions.

Firebird Specifications:

Gross Take-off Weight::

5,000 lbs (2,268 kg)

Wingspan::

65 ft (19.8 m)

Length::

34 ft (10.3 m)

Height::

9.7 ft (3 m)

Altitude::

Up to 30,000 ft (9.1 km)

Maximum Endurance::

24-40 Hours (Configuration Dependent)

Payload Capacity::

1,240 lbs (562 kg) Internal and External

Powerplant::

Lycoming TEO-540 or Optional HFE

System Provisions::

Sensors: Multiple (Up to four) HDFMV
EO/IR, SAR/GMTI/DMTI, WAAS, SIGINT
COMINT, Communications Relay and
Networking, Multi-Spectral

Optionally piloted, with multiple wide band Line-of Sight and Beyond-line-of site datalinks, onboard network attached storage and accessible processing available for sensor use, standards-based interfaces and command protocol.



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www.northropgrumman.com

CONTACT INFORMATION: Warren Comer (858) 618-7788 • e-mail: warren.comer@ngc.com
P.O. Box 509066 • San Diego • California • 92150-906

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