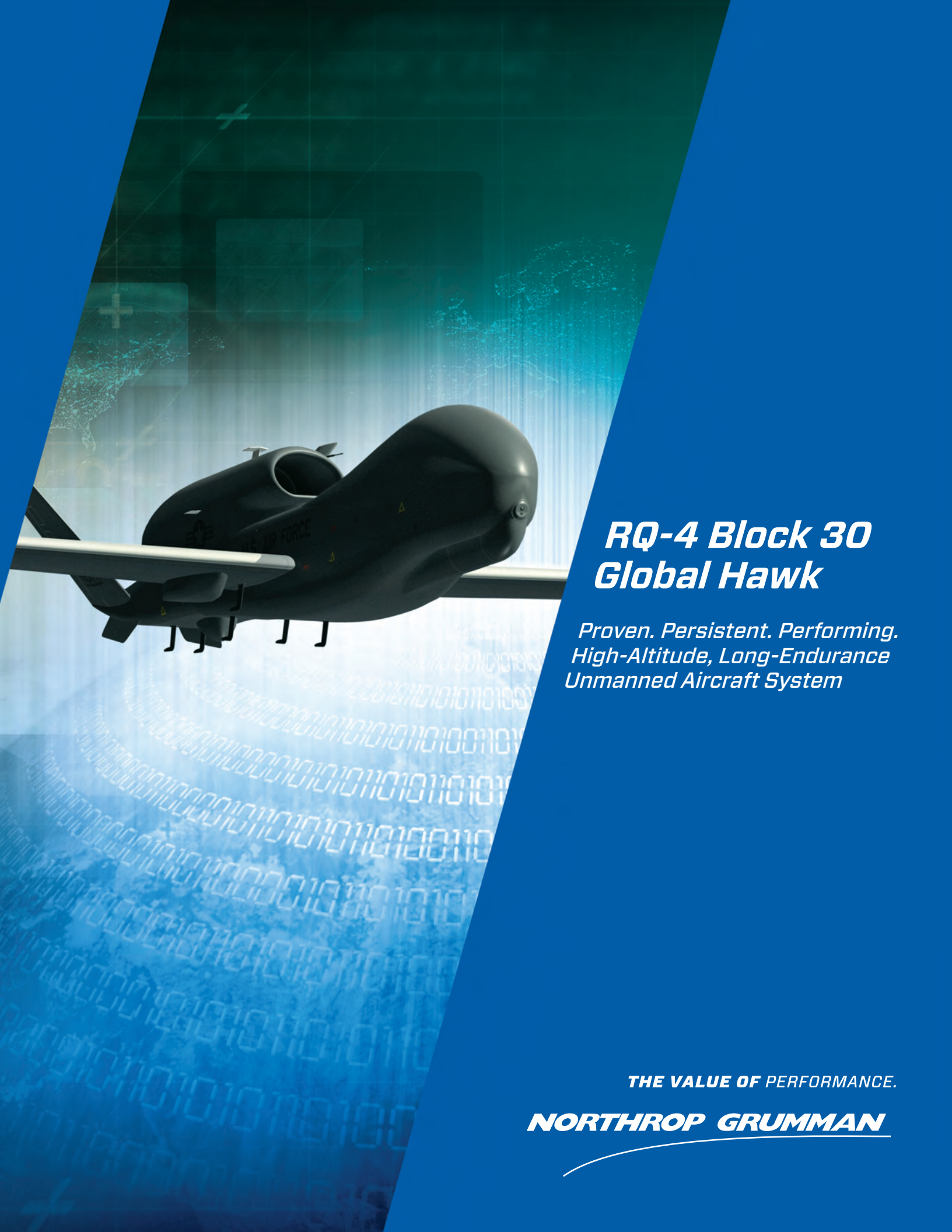




RQ-4 Block 30 Global Hawk

*Proven. Persistent. Performing.
High-Altitude, Long-Endurance
Unmanned Aircraft System*

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN

RQ-4 Block 30 Global Hawk

Global Hawk is a high-altitude, long-endurance (HALE) unmanned aircraft system (UAS) designed to provide military field commanders with comprehensive, near-real-time intelligence, surveillance and reconnaissance (ISR) over large geographic areas. The superior performance of the Global Hawk's system significantly enhances the U.S. military's ability to prevail in all types of operations from sensitive peacekeeping missions to full-scale combat.

By mid-2011, Block 30 replaced Block 10 aircraft for supporting operations in Iraq, Afghanistan, and Libya

The Block 30 Global Hawk carries sophisticated imaging and electronic signals sensors on missions that can exceed 32 hours. Configured to carry an Enhanced Integrated Sensor Suite (EISS) and an Airborne Signals Intelligence Payload (ASIP), the Block 30 is extremely important for situational awareness and intelligence-gathering across huge areas of land.

Reconnaissance imagery is obtained through the use of the Global Hawk's EISS. Block 30 EISS includes an all-weather synthetic aperture radar/moving target indicator (SAR/MTI), a high-resolution electro-optical (EO) digital camera, and a third-generation infrared (IR) sensor. These all operate through a common signal processor, which is equivalent to an airborne super computer. The integrated design of the sensor package gives commanders on the ground the ability to select radar, visible I/R information while using the SAR or MTI simultaneously, and transfer it to the warfighter in near-real-time.

The EISS allows Global Hawk to survey vast geographic regions with pinpoint accuracy. The system combines these advanced technology sensors with a range that extends more than halfway around the world and an ability to remain on station for long periods of time. The high-resolution image quality makes it possible to distinguish various types of vehicles, aircraft, people and missiles, and look through adverse weather, day or night. These features enable the Global Hawk systems to provide the warfighter with essential intelligence needed to achieve information dominance throughout battlespace and to respond to immediate surveillance needs in combat.



RQ-4 Block 30 Global Hawk Unmanned Aircraft System.

Specifications

Wingspan	130.9 ft (39.9 m)
Length	47.6 ft (14.5m)
Height	15.4 ft (4.7m)
Gross Takeoff Weight	32,250 lbs (14,628 kg)
Maximum Altitude	60,000 ft (18.3 km)
Payload	3,000 lbs (1,360 kg)
Ferry Range	12,300 nm (22,780 km)
Loiter Velocity	310 knots TAS (True Air Speed)
On-Station Endurance at 1,200 nm	24 hrs
Maximum Endurance	32+ hrs

For more information, please contact:

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