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## UAV NEWS

# Northrop Grumman, L-3 MAS to Join Forces on Unmanned System for Canadian Security

by Staff Writers  
 Ottawa, Canada (SPX) May 31, 2012

Northrop Grumman and L-3 MAS announced [plans](#) to join forces on a variant of the Northrop Grumman-produced Global Hawk high-altitude, long-endurance (HALE) unmanned aircraft system (UAS) for Canada to maintain continuous surveillance of its Arctic territories.

Dubbed "Polar Hawk," the system will be designed to stay aloft for long periods of time in harsh weather [conditions](#) over vast expanses of the Earth's surface monitoring land, ice, littoral and open water environments throughout the Arctic.

"Northrop Grumman and L-3 MAS are combining our formidable strengths to provide a surveillance system to meet requirements defined in the Canada First Defence Strategy," said Duke Dufresne, vice president and general manager for Northrop Grumman's unmanned systems [business](#).

"Polar Hawk's TM operational features are uniquely suited to augment Canada's existing surveillance capabilities and extend its reach to [patrol](#) large geographical areas, keeping constant vigil over the nation's vast Arctic region from coast-to-coast in a single mission."

"L-3 MAS's expertise in the management and maintenance of large fleets of manned aircraft, its strong heritage in UAS development and state [of the art](#) in-service support solutions are a [natural](#) fit with Northrop Grumman's global leadership in the design, development, production, operational support and sustainment of unmanned aircraft systems for [customers](#) worldwide," said Jacques Comtois, vice president and general manager of L-3 MAS.

"Together L-3 MAS and Northrop Grumman have assembled a strong Canadian industrial team to develop a very robust, long-term and



Northrop Grumman and L-3 MAS join forces to provide an unmanned system for Canada's continuous surveillance of its Arctic territories. Dubbed "Polar Hawk," the system is a variant of the Northrop Grumman-produced Global Hawk high-altitude, long-endurance (HALE) unmanned aircraft system (UAS). Source: Northrop Grumman.



▶ affordable turnkey [solution](#) for Canada's current and future domestic sovereignty and security concerns over its Arctic territories."

Flying at 60,000 feet, well above challenging weather and all [commercial](#) air traffic, Polar Hawk can [range](#) over 22,000 kilometres and stay airborne for more than 33 hours, day or night in all weather conditions.

In addition to its surveillance payloads, Polar Hawk has the power to support and can be equipped with a wide range of instrumentation for conducting science and environmental missions, as demonstrated by NASA using earlier versions of the Global Hawk UAS as far as 85 [degrees](#) north latitude.

It can also be deployed to support humanitarian missions and provide surveillance over Canada's vast territory stretching from the Atlantic to the Pacific territorial waters and coasts.

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#### UAV NEWS

### US drones kill 9 militants in Pakistan: officials

Miranshah, Pakistan (AFP) May 28, 2012

Two separate US drone attacks killed at least nine militants in Pakistan's northwestern tribal region near the Afghan border Monday, security officials said. Both attacks took place near Miranshah, the main town of North Waziristan, a known stronghold of Taliban and Al-Qaeda linked militants. The first, in the early hours of the morning, targeted a militant compound in Hassokhel town, 25 ... [read more](#)



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