



News Release

Insitu Inc.
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Insitu's ScanEagle Unmanned Aircraft System Achieves 300,000 Combat Flight Hours

BINGEN, Wash., April 29, 2010 — [Insitu Inc.](http://www.insitu.com) announced today that its [ScanEagle](#) Unmanned Aircraft System (UAS) recently exceeded 300,000 combat flight hours, making it a leader in Group 2, the small tactical class of UAS.

Insitu's ScanEagle accounted for approximately 22 percent of the 550,000 hours that the U.S. Department of Defense estimated unmanned aircraft flew last year supporting combat missions for the U.S. armed services.

"Through these in-theater operations, we've proven the reliability of ScanEagle and consistently demonstrated that our systems are ready to execute any mission over land or sea. Our continual commitment to advance our technology contributes to this milestone, distinguishing Insitu within the UAS industry," said Vice President of Emerging Programs Bill Clark.

Since ScanEagle's first operational flight in 2002, Insitu has rapidly developed and delivered tactical intelligence, surveillance and reconnaissance (ISR) solutions to better serve the warfighter. In response to requests for enhanced nighttime imagery, ScanEagle can be converted to [NightEagle](#) to include a cooled mid-wave infrared imager. Other aircraft configuration advancements include a heavy fuel engine for improved safety and ease of military supply chain logistics integration and a muffled engine for reduced acoustic signature. Upgrades to Insitu's family of UAS include a mode C transponder for airspace deconfliction and an automatic identification system for maritime vessel identification. Most recently, Insitu introduced the [NanoSAR](#) payload, which penetrates adverse weather conditions, battlefield obscurants,

camouflage and light foliage, allowing radar-enabled broad-area searches over land and sea.

Future deliveries to the warfighter will include [digital video data encryption](#), [single-channel ground-to-air radio relay](#) and [heavy fuel engine electronic fuel-injection](#). These advancements will enable ground forces to see real-time encrypted, secure video and metadata from Insitu UAS using small laptop devices. Additionally, ground forces will be able to relay voice and data with an extensive end-to-end reach. Engine performance will also improve, especially in extreme temperatures and at high altitudes.

“Serving warfighters over the past five years has helped us fine-tune our engineering, production and field services operations. The result has been increased agility and enhanced ability to deliver our systems rapidly anywhere in the world,” said Vice President of Sales and Marketing Alvin Jackson. “We’ve come to better understand the unique needs of the armed forces and we’re responding with advanced solutions to fulfill those requirements.”

To learn more about Insitu’s technologies visit booth 217 at [Navy League’s Sea-Air-Space Exposition](#) at the Gaylord Resort and Convention Center in National Harbor, Maryland.

Insitu Inc., located in Bingen, Wash., is a wholly owned independent subsidiary of The Boeing Company. Insitu designs, develops and manufactures UAS and provides associated services for commercial and military applications. With a small footprint and expeditionary focus for land and sea operations, the company’s family of UAS solutions serves the needs of the global defense community. To date, these systems have accumulated more than 300,000 combat flight hours and 36,000 sorties. For more information, visit www.insitu.com.

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