

# Insitu Announces Successful Shryke Demonstration with Integrator Uncrewed Aircraft System



Release from Insitu

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BINGEN, Wash., Dec. 12, 2023 – Insitu, A Boeing Company, announced today the [first successful drop](#) of inert GPS-guided Shryke munitions from the Integrator Uncrewed Aircraft System (UAS) in collaboration with Corvid and L3Harris Technologies.

Shryke, developed by Corvid Technologies with L3Harris, is known for its multi-mission precision strike and versatility and is another option in a long line of highly sought-after strike capabilities that Insitu is offering to its customers.

“We were able to demonstrate a low signature munition with a safe separation sensor, fuze, and warhead on Integrator,” said Kyle Bowen, Corvid Technologies Director of Business Development. “Integrator delivered the munitions within 1-2 meters of the target in each test flight. We couldn’t have asked for a more successful demonstration,” Bowen said.

Integrator, a NATO Class 1 Small UAS (DoD Group 3 UAS) offers endurance of more than 24 hours and carries up to 40lb of payload capacity. Payload integrations are accommodated in the center CG bay, two wing trays, and two wing-mounted hardpoints. Integrator’s multi-payload capacity provides our customers the ability to carry multiple munitions and/or transition between kinetic and non-kinetic objectives as the

mission requires.

“The two rounds of munitions were seamlessly fitted into Integrator’s CG payload bay and several mission sorties were executed demonstrating advanced navigation, targeting, and payload delivery systems,” said Justin Pearce, Insitu Vice President of Programs, Engineering & Flight. “Pairing kinetics with Insitu’s proven endurance and range gives our customers flexibility in how they address a dynamic battlefield.”

The Integrator was equipped with a MIL-STD-1316 Electronic Safe and Arm Device (ESAD) from L3Harris to provide safety-critical energetic systems initiation-on-command and to safely support the post-flight recovery of munitions still installed.

“The ESAD was designed for applications that require a reliable arming and firing sequence with precise timing events, as well as vital personnel safety precautions,” said Steve Stasiak, General Manager, L3Harris Technologies. “We were able to validate this capability on Integrator and are very pleased with the way the ESAD configurations performed during the flight test.”

Insitu continues to work with customers and industry partners in testing and integrating additional munition payloads.

With three decades of experience, more than 3,500 uncrewed aircraft manufactured to date, and more than 1.4 million operational flight hours, Insitu continues to deliver the most advanced capabilities available to our global customer base in more than 35 countries. Visit [Insitu.com](http://Insitu.com) to learn more about the most capable, reliable, and combat-proven small tactical UAS on the market.