

LahakX and AeroSystems West partner to swarm heavy-payload spraying drones

15 February 2024 | News

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LahakX, an agricultural spraying drone technology builder and operator, and AeroSystemsWest, a U.S. manufacturer of heavy lift multirotor platforms, has announced a technological and commercial partnership. The two companies will collaborate to launch an autonomous swarm of heavy-payload spraying drones.

ASW will focus on building the new drone, while LahakX will concentrate on assembling swarming planning and autopiloting to the new drones. In addition to technology development, the companies will regulate the new drones in California and sell a ready-to-fly solution to their current and new customers. The US-Israeli BIRD Foundation will provide partial funding for the entire project.

LahakX is attempting to cover more acres and spray more gallons by Swarming and Heavy-payload drone. Dr. Itzik Turkel, LahakX Co-Founder and CTO said "We were deeply impressed by ASW drones, and we look forward to leveraging the BIRD Foundation resources and jointly developing new technologies and introducing them to the market ASAP."

Danny Neal, Aero Systems West CTO said "We are grateful to have been awarded BIRD Foundation resources for this project, and are excited to continue our partnership with LahakX in the development of heavy lift, swarming drones."

An autonomous fleet of heavy-payload spraying drones that can be assembled in a variety of configurations results in significantly improved performance. This technology can potentially revolutionize the agricultural and fire/wildfire prevention markets by covering vast areas quickly and dispensing a large quantity of liquid per acre.

Lettuce is one example of a low canopy crop that requires frequent spraying, typically in medium-sized blocks. According to the US Department of Agriculture, lettuce is harvested on 180,000 acres in California, generating approximately \$6 billion annually for growers.

LahakX is an AgTech company developing and operating autonomous drone technology for agricultural applications. LahakX serves growers and applicators by operating a self-flying fleet of spraying drones that makes crop protection sustainable, precise, safe, and affordable.