Darack Research

Aircraft & Unmanned Aerial Systems Designed by Ed Darack

Descriptions of product lines www.DarackResearch.com

TacEagle – Man-portable, fixed-wing small unmanned aircraft systems designed to be easily launched, easily flown and operated, and easily recovered, with a minimum operational footprint and minimum user and aircraft exposure to an enemy. TacEagle systems are designed to provide high quality, relevant, and immediately usable imagery intelligence directly to the squad, platoon, or special operations unit with a minimum of user effort and a minimum of primary task distraction, with ranges of just a few dozen yards to more than six miles. Darack Research TacEagle systems are designed to function in a variety of environmental conditions, are rugged, are easily repairable in the field, and require only a minimum level of training for all aspects of operation.
TacEagle photographs and specification sheet available June, 2018.

VectorSight – Man-portable, multi-rotor small unmanned aircraft systems designed to be easily launched, easily flown and operated, and easily recovered, with a minimum operational footprint and minimum user and aircraft exposure to an enemy. VectorSight systems are designed to provide high quality, relevant, and immediately usable imagery intelligence directly to the squad, platoon, or special operations unit with a minimum of user effort and a minimum of primary task distraction, with ranges out to two miles. VectorSight systems are designed to perform a number of intelligence, surveillance, and reconnaissance tasks, including dynamic aerial imaging, static aerial imaging, perch-and-stare, and target marking for designation. Darack Research VectorSight systems are designed to function in a variety of environmental conditions, are rugged, are easily repairable in the field, and require only a minimum level of training for all aspects of operation. VectorSight systems are small and lightweight, capable of supporting long-duration foot-mobile and mounted operations in austere areas and in situations with limited logistical support. VectorSight systems are ideal for all types of terrain, from open desert, to rainforest, to urban environments, and may be used indoors and outdoors.
VectorSight photographs and specification sheet available June, 2018.

Edge – Ultra light weight, multi-rotor small unmanned aircraft systems designed to be easily launched, easily flown and operated, and easily recovered, with a minimum operational footprint and minimum user and aircraft exposure to an enemy. Edge systems are designed to provide high quality, relevant, and immediately usable imagery intelligence directly to the warfighter with a minimum of user effort and a minimum of primary task distraction, with ranges out to one half mile. VectorSight systems are designed to perform a number of intelligence, surveillance, and reconnaissance tasks, including dynamic aerial imaging, static aerial imaging, perch-and-stare, and target marking for designation. Darack Research Edge systems are designed to function in a variety of environmental conditions, are rugged, are easily repairable in the field, and require only a minimum level of training for all aspects of operation. Edge systems are capable of supporting long-duration foot-mobile and mounted operations in austere environments and in situations with limited logistical support. Edge systems are ideal for all types of terrain, from open desert, to rainforest, to urban environments, and may be used indoors and outdoors.
Edge photographs and specification sheet available June, 2018.

SkySentry – Tethered multi-rotor small unmanned aircraft systems for high-persistence intelligence, surveillance, and reconnaissance intelligence gathering and communications links. SkySentry systems may be used in static situations or in mobile convoys.
SkySentry photographs and specification sheet available June, 2018.

MenervaCraft – Named after the Etruscan goddess of wisdom (and war, art, and health), this is Darack Research's educational line of aircraft. There will be a range of MenervaCraft, including gliders, multi-rotors, and powered remotely-controlled airplanes for students of all skill levels and ages.
MenervaCraft photographs and specification sheet available June, 2018.