

# UASTrakker, LLC. Announces the Development of Life Saving Drone Technology

**UASTrakker** Press Release | 04/11/2018

The UASTrakker, LLC Company is proud to announce its **Emergency RF Beacon Tracking System for Drones**. The UASTrakker system is based on the company's core patent pending technology, which utilizes an **IoT edge** computer, running the company's proprietary software and algorithms to deliver an autonomous **Search And Rescue (SAR) solution** to the professional end user. UASTrakker integrated systems using an autonomous drone for locating emergency distress beacons, such as a Personal Locator Beacon (PLB) or **Man Overboard Beacon**. The UASTrakker system is capable of locating individuals stranded in floods, lost at sea or on land and is expected to be a key component of rescue efforts in maritime rescue, as well as SAR in the wilderness.

Trained users operate the UASTrakker enabled drone by initiating a flight plan to locate the last known position of the target and when in the air, the drone will scan the emergency radio frequencies used by PLB beacon(s) in distress, and provide situational awareness to first responders utilizing its' thermal, infrared and daytime cameras. Furthermore, when the target is located, the drone stores the GPS coordinates trail, and has the ability to drop lifesaving rescue supplies, or even lower a winch to a person, and rescue them to safety using a heavy lift drone. During the entire rescue, UASTrakker streams live video, into our cloud computing solution, of the entire flight, recording the physical location of the incident in day and/or night time conditions. This enables multi-agency collaboration on SAR missions to help locate the victim(s).

The UASTrakker system is compatible with many "Off the Shelf" drones, so it can be installed on medium sized Multi-Rotors for short missions, a hybrid- electric plane for longer missions, or a heavy lifter for difficult to reach areas and rough weather. The user can at any time take over control of the flying of the drone when required, and to activate features like the winch. Cellular/Satellite technology offers an almost unlimited range of control. The UASTrakker company is also developing technology for moving Ground Control Stations, so that drones will land more easily on a ship or moving platform like a SWAT vehicle.

Our proprietary Artificial Intelligence (AI) capable internet console is expected to provide the “Pilot in Command” a first of its kind online search grid, with online tools to initiate the autonomous flight search and rescue procedure. When other first responders have downloaded the UASTrakker app, they will have a collaborative map of the rescue operation, showing the drone position and the location of any emergency PLBs within range, while the drone autonomously locates and surveils them until rescuers can arrive.

Shawn Holmgren (CTO of UASTrakker) says, “A UASTrakker customized rescue drone can be deployed in many different emergency and disaster situations to locate survivors from maritime accidents, avalanches, hikers in distress or to locate stranded people after a natural disaster like a hurricane or flood, by tracking the PLB that is activated by the person in distress.” UASTrakker anticipates that many government agencies including: Police, Fire and Rescue, Military, along with private individuals and commercial businesses will want to purchase UASTrakker enabled robotic systems. Mr. Holmgren will introduce this invention at the Association for Unmanned Vehicle Systems International (AUVSI) Xponential show, being held April 30-May 4, 2018 in Denver, Co. Investors & Industry Partnerships are encouraged to speak with UASTrakker at booth 3233B. . The Company expects to launch the UASTrakker system by the hurricane season and summer of 2018.

### **About UASTrakker, LLC.**

Formed in 2017, UASTrakker is an early stage systems integrator for life-safety and surveillance systems focusing on customized search and rescue unmanned systems. The UASTrakker solution is locally controlled, as well as cloud based and includes a customized drone, infrared camera, emergency radio(s), Laptop and iOS or Android mobile app component, along with training and support.

Please visit [www.uastrakker.com](http://www.uastrakker.com)

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