Apex Unmanned and RelmaTech team up to promote benefits of UAS Remote ID and Tracking technologies

DENVER, March 28, 2019 – Denver based UAS consulting company Apex Unmanned and leading-edge UK technology company RelmaTech have agreed to collaborate on promoting the many benefits UAS Remote Identification and tracking technologies can offer.

Apex Unmanned and RelmaTech are partners in the State of Nevada team recently selected by NASA to execute the NASA Unmanned Aircraft Systems Traffic Management (UTM) Technical Capability Level (TCL) 4 program. The FAA-designated Nevada UAS Test Site, under the leadership of the Nevada Institute for Autonomous Systems (NIAS), was selected to execute TCL4 through an intensely competitive process with six other states. The TCL4 program involves UAS flying in higher-density urban areas for tasks such as newsgathering, package delivery, and large-scale contingency mitigation. Nevada will conduct this NASA demonstration over several months in downtown Reno during May and June this year. It will be the first time in U.S. Aviation history that such flights will be conducted in a metropolitan area under beyond-visual-line-of-sight conditions.

"The definition of Remote Identification is often misunderstood to only help identify the drone location and its operator. Remote Identification technology could also mitigate concerns of collision, privacy, law enforcement, and aid counter-UAS response", says Greg White, CEO of Apex Unmanned. "We strongly support the testing of Remote Identification technology solutions prior to an FAA rulemaking on Remote ID, and the NASA TCL4 test program in Reno serves an ideal environment to do this."

Apex Unmanned is assisting NIAS in supporting the development of Remote ID capabilities for TCL-4, and RelmaTech is one of only a few international companies invited to partner with NIAS on the NASA TCL4 program.

"As technology leaders in the UTM field, our innovative, practical, low cost and robust solutions have been designed and developed to provide UAS operators with a suite of features that go far beyond just anticipating future regulatory requirements for Remote Identification and tracking," says Philip Hall, Co-Founder and CEO of RelmaTech. "Our dual-capable Secure Integrated Airspace Management (SIAM) system, which has both network and broadcast Remote ID and tracking capabilities, enables UAS operators employing our technology to achieve significant safety and productivity improvements in their fleet operations."

Apart from the advantage of being well placed when civil aviation authorities eventually mandate that drone operators will be required to have Remote ID and tracking capabilities installed on their drones, Apex Unmanned and RelmaTech will also promote the many other significant benefits to UAS operators in having onboard Remote ID and tracking capabilities.

"This technology also contributes to improving operational safety by enhancing situational awareness in the airspace, while enabling UAS operators to optimize their operations in real-time. These and other attributes translate into maximizing a UAS operator's return on investment, and in a rapidly developing and highly competitive industry, that's a huge consideration," emphasize White and Hall.

Media Contacts:
Greg White, CEO, Apex Unmanned | E: greg.white@apexunmanned.com
Philip Hall, Co-Founder & CEO, RelmaTech | E: phall@relmatech.com

About Apex Unmanned: *Apex Unmanned LLC is a veteran-owned UAS consulting company based out of Denver, Colorado. As leading technical writers in the UAS industry, we specialize in the design of organizational UAS policies and Standard Operating Procedures that address safety, security, and productivity. Our team has over 85 years of experience in local and international aerospace regulation and procedure application. As pilots of manned and unmanned aircraft, we understand the integration solutions within both industries and are intimately familiar with the labyrinth of rules and regulations that define the protocols for low altitude flight. Our military test pilots have lead national solutions for UAS integration, airport UAS operations, and counter-drone measures since 2013. Our notable civil experience includes FAA Drone Advisory Committee reports, NASA Unmanned Traffic Management contribution, and DoD CUAS design. Apex Unmanned is uniquely positioned to understand the regulatory and physical challenges of UAS integration, and provide scaled solutions.*

For more information, visit us at www.apexunmanned.com or contact us at info@apexunmanned.com

About RelmaTech Limited: *RelmaTech specializes in the development and operation of integrated technology-based solutions that provide for the safe, secure spatial management of autonomous and semi-autonomous vehicle and mobile device operations in any environment. Global solutions handle real-time and historic location data for the purpose of vehicle/device identification, live tracking, situational awareness, operator authorization and evidence management across multiple applications. We also work with partners and clients to introduce advanced operating management procedures to the emerging standards required for unmanned vehicles, autonomous systems, and remotely operated devices. The globalized nature of the tracking database means we can design and build solutions that both publish your asset track data and share related data from other operators in co-operate spatial domains. Headquartered in London, UK with representation in Australia and the United States, our solutions have proven successful in applications that include commercial drone flight operations in collaboration with both civil and military air-traffic control.*

For more information, visit us at www.relmatech.com or contact us at enquiries@relmatech.com.