Plyrotech Announces Contract for Unmanned Aircraft Systems for UK Police

Plymouth, Massachusetts--(Newsfile Corp. - February 16, 2022) - Plymouth Rock Technologies Inc. (**CSE: PRT**) (**OTCQB: PLRTF**) (**FSE: 4XA)** (WKN# A2N8RH) ("Plymouth Rock", "PRT", "Plyrotech", or the "Company") a leader in developing unmanned technologies and detection apparatus announces it has received an order for an Unmanned Aircraft System (UAS) for beyond visual line of sight (BVLOS) operations. Delivery will be to the Norfolk Constabulary, in Norfolk, United Kingdom, before April 2022.

The PRT XV-H fixed wing aircraft was specifically designed for land and maritime operations at extended BVLOS distances. The vertical take-off and landing (VTOL) aircraft can operate for up to 4 hours. The aircraft also have an unlimited communications range due to being equipped with the latest SATCOM (Satellite Communication) technologies and are also equipped with COFDM (Coded Orthogonal Frequency-Division Multiplexing) communications technologies for secure, high-quality data feeds.

Capable of landing in a very small area on land or on ship, these all-environment fixed-wing VTOL UAS empower operators with extended flight time and a level of imaging and sensor payload capability far beyond other offerings.

> *The UK National Police Air Service (NPAS), which currently provides air support to 46 police forces, is leading the Home Office funded research to "better understand the capabilities that Beyond Visual Line of Sight (BVLOS) drones may provide to police aviation in the future".*
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> *In a statement it said: "The project will not only consider drone types, but also command and control and hazard detection systems, to ensure compliance with Civil Aviation Authority (CAA) regulatory policies and procedures.*
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> *Speaking at the PCC public accountability meeting this month, assistant chief constable Nick Davison said: "Drones are proving to be excellent in terms of seeing what is going on in really large expanses of rural areas in Norfolk where there is limited population and drones are one of the best ways to get ourselves out and be visible."*
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> *He said the pilot will see significant funding with the constabulary "testing with the CAA partners and others howthe police service as a whole might be able to continue to expand the use of drones beyond what the currently legal parameters are".*
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> ***Source:***
> https://www.edp24.co.uk/news/crime/norfolk-police-pilots-research-into-long-range-drones-8670354

"At this stage, we are bound by non-disclosure covenants on the exact details of this contract," stated Carl Cagliarini, Chief Strategy Officer of Plyrotech. "What we can say is that we at PRT are deeply honoured to be awarded this contract for our safe and capable aircraft. We look forward to working with various UK police forces and training their pilots to use the technology. The multiple capabilities and benefits of autonomous systems are compelling, and we believe this will accelerate the ultimate goal for the widespread adoption of BVLOS capable aircraft by UK Police. The aircraft will carry the latest SATCOM technologies as well as high-grade transponder and anti-collision capabilities. The project will be managed and maintained at our Norfolk and Lincoln facilities in the UK," concluded Cagliarini.

About Plymouth Rock Technologies Inc.

We are on a mission to bring engineering-driven answers to the most critical problems that threaten our safety. We work with government, law enforcement and military to innovate solutions for national security, defense and space systems. The Company is developing the next generation of threat detection solutions and Unmanned Aircraft Systems (UAS).

PRT designs and manufactures purpose-built multirotor UAS, utilizing Artificial Intelligence, cutting-edge sensors, and the latest dual-camera modules as standard, offering thermal capabilities alongside high-definition real-time air-to-ground streaming, with the ability to mount multiple, various sensors, modules, and payloads.

Our advanced threat detection methods fuse artificial intelligence with augmented reality interfaces to eliminate human operating error. Plymouth Rock products, both airborne and land-based, will scan for threat items at greater 'stand-off' distances than current existing technologies. Our unique radar imaging and signal processing technology creates new opportunities for remotely operated, non-intrusive screening of crowds in real time.

Plymouth Rock's core technologies include: (1) UAS platforms engineered to conform to NDAA FY2020 Section 848 ("PRT UAS"); (2) A compact microwave radar system for scanning shoe's ("Shoe Scanner"); (3) A compact modular radar utilized for a variety of applications, from aircraft to weapon detection ("CODA").

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