

## **Exhibit: Form 442 Question 6: Description of Research Project**

The Virginia Institute for Spaceflight & Autonomy (VISA), Riverside Health System (RHS), DroneUp, and the Accomack-Northampton Planning District Commission (A-NPDC) have announced a working partnership, with startup funding provided by the Unmanned Systems Center at the Virginia Innovation Partnership Corporation (VIPIC), to initiate the exploration of potential applications, concept of operations formulation including demonstration flights in order to evaluate critical medical package drone delivery for Healthcare and Emergency Medical Services (EMS) in the state of Virginia.

The \$75,000 start-up funding provided by VIPIC has allowed the team to jump start the exploration of use cases, concepts of operations, and Eastern Shore community engagement efforts including medical package drone delivery demonstrations for a short-range patient prescription delivery, and extended deliveries demonstration to potentially enable local homebound patients to receive time-critical medical supplies easily and quickly.

This particular project is aimed at providing pharmaceutical shipments via drone to the underserved island community of Tangier. A small UAS (sUAS) will be operated in, around, and between Tangier and Onancock, Virginia. Mission scenarios may involve Beyond Visual Line of Sight (BVLOS) operation, for which maintaining a reliable Command & Control (C2) link is essential for safety of flight. Using a C-Band radio pair operating in the aviation-protected band of 5030 to 5091 MHz guarantees better immunity to interference than would be available in other bands (e.g., ISM). The CNPC/C2 radios of choice will be uAvionix SkyLink Airborne and SkyStation Ground radios that are designed for compliance with the RTCA/DO-362A CNPC (Control and Non-Payload Communications) standard and the FAA's TSO-C213a which invokes it.