**SkillsUSA North Carolina**

**UAS Competition Agenda for Students and Teachers**

**April 23-24, 2024**

**Tuesday, April 23, 2024**

**2:00 pm – 5:00 pm (Location to be determined)**

Written Exam of 30 questions. The student-contestant shall provide an **Airman Knowledge Testing Supplement Private Pilot (FAA-CT-8080-2G or FAA-CT-8080-2H)**

Once the student-contestant has completed the 30 questions exam, they may proceed to the Judges room to be interviewed and debriefed on their Mission.

**Mission Briefing**

The student will provide a written Mission Report and give the judges a briefing and post-briefing on the mission lasting no more than 5 minutes. This can be done by a laptop presentation or by using a hard copy for the following mission.

Search and Rescue Mission using a sUAS for missing Adult wearing a camouflage jacket, jeans and a baseball hat. Last point seen was 35.10065816252292 N -80.9410114427813 W. The staging area will be at 35.10452855158792 N -80.93937433728678 W. He has a history of Anaphylactic Shock due to a peanut allergy.

**Interview Room**

Student shall submit a resume to the Proctor upon his or her arrival in the testing room.

The candidate will be interviewed for a fictious drone pilot job.

**Wednesday, April 24, 2024**

**9:00 am – 5:00 pm (Location to be determined)**

Fly day using NIST skills test provided by NCDPI (Weather permitting) See below.

Pre-check and Post Check skills will be performed in front of the judge.

Note: Fly Day could be inside dependent on weather.

**Contest Rules**

      UAS SD card provided by the high school.

      Flights will be flown by the student pilot with no help from a Visual Observer (VO). The judge will act as a scribe writing down the numbers called out by the student. Each number represents points earned during the competition.

      In case of a tie, the flight time will be the deciding factor. Time starts when the UAS lifts off and returns touching the launching pad.

      Clothing requirement: Any Skills USA apparel will be accepted such as polo shirt (No school logo or sport hoodies), khaki pants and closed-toe shoes. In addition, the student will need to wear safety glasses, helmet, and a safety vest while operating the UAS.

One of the following NIST props flight will be performed.

