**SkillsUSA North Carolina \* Virtual \* 2021**

**UAS Competition Agenda for Students and Teachers**

**Mission Briefing**

200 possible points

You will be doing a Search and Rescue Mission using an aUAS for a lost kayaker in the Neuse River in Kinston, North Carolina. Staging will be 122 W King Street Kinston, NC 28501. Last point seen was 35.258848, -77.582635

The student will provide a written Mission Report along with a screenshot of the METAR from KISO on the day the Mission Report is written **via Canvas by April 15th 11:50 pm**. Mission Briefing above will be provided by the student at the date and time of the report.

Questions to students.

Can you fly the mission?

What is your visibility?

Are you flying in controlled airspace?

Grading

Did they provide the weather reflected in the METAR? **100 points**

List Visual Observer name**? 100 points**

**Interview questions (Video Recording)**

800 possible Points

Interview responses will need to be submitted into Canvas by April 15 using MP4 or MOV.

**Please answer the interview questions on video as if you're being asked by a future employer. Once you have answered the questions, please submit them using the above formats.**

1. What skills and strengths can you bring to the position of a drone pilot?

**Grade 100 point maximum**

1. Describe the main points you would give in a post mission debriefing with your crew

**Grade 100 point maximum**

1. If your METAR gives you a broken ceiling of 700 feet AGL, how high can you operate and why?

**Grade 100 point maximum**

1. Describe the job duties of a Visual Observer?

**Grade 100 point maximum**

1. Describe an event where you worked as a team and things didn’t go as planned?

**Grade 100 point maximum**

1. Where do you see yourself in five years?

**Grade 100 point maximum**

1. As a student, was there a time when you had to overcome a challenge?

**Grade 100 point maximum**

1. You inadvertently lose line of sight by going behind a billboard sign, does this break an FAA rule. What do you do as a RPIC?

**Grade 100 point maximum**

**Written Exam**

Your 50 question Qualifier Test (which you already took) will be scored in your April contest.

The written test will be used for a tie breaker. If a student gets 100% of the points in the Mission Briefing and Interview questions, the judges will use the highest exam score to break the tie.