

## 2020-2021 SECME Glider Competition (Virtual Submission Directions)

**Please review the Glider Competition guidelines thoroughly. Any teams determined to not be following any of the rules are subject to disqualification.**

### **Submission Requirements:**

1. Each team for the SECME Glider Competition must submit the below evaluation sheet AND a video recording of their flights no later than 5pm on February 4<sup>th</sup>.

2. Teams are responsible for providing their own bag of marbles. Since the size/mass of each marble may vary, the important part is that the TOTAL MASS of the marbles is 2 ounces. The marbles should be placed in one sealed Ziplock sandwich bag and secured to the glider.

**Note:** The marbles used by the judges are similar to the ones found here

<https://www.hobbylobby.com/Floral-Wedding/Containers-Fillers/Fillers/Ocean-Blue-Oval-Glass-Gem-Filler/p/3514>.

3. The video should have an introduction segment. The narrator(s) will be on-screen and will state the school name, team name, and team member names. The narrator(s) should then describe the glider (what is it constructed from?) and show where the marbles are located. Finally, the narrator(s) should show the area where the gliders will be launched.

4. At the beginning of the flight sequence of the video, the announcer will say “Ready, set, go”. No edits are allowed to the flight portion of the video from the point where the narrator says, “Ready, Set, Go” to the completion of the fourth flight. **Any edits to this portion of the video will be grounds for disqualification.**

5. The video should clearly show the launch, flight, and landing of each attempt, noting the distance and if any pieces broke off during the landing. **Handling of the glider by non-team members will result in disqualification.**

6. The video should be uploaded to **YouTube.com before 5:00 pm on February 4<sup>th</sup>**. Both the **YouTube link and the evaluation sheet should be emailed to STEM@ucf.edu** to be eligible for judging. An email confirming receipt of your video link will be sent within two business days.

**Note:** When uploading the video to YouTube, you may select to keep the video “unlisted”. This means that the only way to access the video is through the link, which you will be sending directly to the judges. The video will not be searchable on YouTube. Students may prefer this as an added level of privacy.

## 2020-2021 SECME GLIDER COMPETITION (Evaluation Sheet)

Please Check: ☐ Elementary School ☐ Middle School ☐ High School

<b>School Name</b>			
<b>School District</b>		<b>State</b>	
<b>Team Name</b>			
<b>Student Name #1</b>		<b>Grade</b>	
<b>Student Name #2</b>		<b>Grade</b>	
<b>Student Name #3</b>		<b>Grade</b>	
<b>SECME School Coordinator Name</b>			

**Coordinators:** You are responsible for ensuring that the measurements recorded below are true and accurate. **Please use the guidelines (pages 2 & 3) for instructions on how to correctly obtain the measurements.** This form must be submitted, along with the flight video, by 5pm on February 4<sup>th</sup>.

<b>Glider mass WITHOUT marbles (ounces)</b>		
<b>Glider mass WITH marbles (ounces)</b>		
<b>Glider wingspan (inches)</b>		
<b>Glider body width (inches)</b>		
<b>Glider body height (inches)</b>		
<b>Flight Attempt</b>	<b>Distance (feet, inches)</b>	<b>Did anything break off during the flight? (Y/N)</b>
<b>#1</b>		
<b>#2</b>		
<b>#3</b>		
<b>#4</b>		