



Helicopters B/C Video Instructions

Region 12 Grand Valley State University

Michigan Science Olympiad Tournament, March 15-20

Failure to comply with these instructions may result in disqualification.

Before the Event

1. You might want to practice recording your device prior to your time slot.
2. Self-schedule a time to virtually compete in Scilympiad
3. Practice, Practice, Practice!
4. Ensure your device meets competition specifications

At the Self-Scheduled Time of the Event

1. At the beginning of your self-scheduled slot, log in to Scilympiad to get your password. You will need to show this password in your video(s) to be scored for the event. The password is unique to your time block to ensure that you are creating your video during the designated competition time.
2. Teams that don't include the password in their video(s) or have a significant delay between password download and video recording will be scored in a lower tier.
3. Teams that show evidence of time stamp manipulation or other deliberate violation of these rules will be disqualified from the event.

Event Competition and Video Recording

Submit 2 videos

First video: Qualification of your helicopter

1. After constructing your helicopter(s) according to the rules you should video record (phone is fine) demonstrating the required length parameters for wingspan etc. are met. If you plan to use 2 copters or have a spare in case the first breaks, you must qualify both. In your video you should include a shot of your completed log with the names of the participants and team number/name shown.
2. With your coach present to verify, show the weight(s) on a properly tared scale. This can be electronic or pan balance, but your coach should indicate it's okay in the video (verbal verification with him/her in the picture is fine). If your coach cannot be available, you must show that when removed from the scale the reading returns to 0 without interrupting the video. This should be done for each helicopter qualified.

Second video: Flight

3. Start your second video when you are ready to fly. You will have 8 minutes during which time you should complete 2 official flights. The judges will start your 8-minute window at the point you launch your first flight (practice or official). You may run practice flights at any point during the 8 minutes, but you must indicate on the video (audio announcement is fine) that you are doing a practice flight. Your second official flight will only count if it is launched before the end of the 8-minute window.
4. The helicopter you are flying should remain in the video frame throughout the flight(s). You don't have to zoom in, just make sure the helicopter is clearly visible in the frame throughout the flight. It will be especially important to have a clear view of the helicopter when it hits any other object or the floor.
5. At the end of your second flight (or any other time you wish to quit) announce that you are finished.
6. Promptly submit your videos via Scilympiad or email to msor12@gvsu.edu. You can share a link of private YouTube video, Google Drive folder, etc. as videos can be large to upload.

Please Note

- Team name should be visible in your video; email msor12@gvsu.edu with any questions

