

BIG HORN BASIN DRONE FESTIVAL & EXPO

January 29, 2022 at Powell High School in Powell, Wyoming

Updated Schedule of Events

- 9am-12pm: Timed Obstacle Course Racing Event
- 11am-12pm: Virtual Reality Velocidrone Racing Event
- 12pm-1pm: FAA & Drone Technology Knowledge Testing Period
- 12pm-1pm: Drone Film Festival (*90-sec films submitted online 48 hrs in advance*)
- 1pm-3pm: Precision Flight Challenge Event
- 1pm-3pm: Computer Coding Flight Tests (*task revealed at 930am*)
- 10am-3pm Public Lectures & Demonstrations on Careers in Drone Technology
 - 10am – Kevin Killough, Journalist at Powell Tribune
 - 11am – Ron Nettie, Professional Photographer
 - 12pm – Drone Film Festival
 - 1pm – Thomas Rullman, GTA Aeronautical Engineer
 - 2 pm – GT Aeronautics Drone Demonstration (*weather permitting*)
- 315pm-330pm: Awards Ceremony

Competition is open to all K-12 & college students.

This is a bring-your-own indoor drone event!

REGISTER ONLINE AT: drone-challenges.org (*all competitors paying \$10 entry fee will receive a t-shirt*)

IMPORTANT FINE PRINT: Competing pilots must bring their own drones and controllers. All drones must be less than 300 grams and all drones must have propeller guards. Optional FPV goggles are allowed. Racing is done inside a gymnasium in two size divisions: smaller & larger than 5” wide, not including propeller guards. For virtual racing, pilots need to provide their own controller (and ideally, their own gaming laptop if possible) and will be conducted in four 10-minute heats with one final race among leading qualifiers at 11:50 am), and entrants do not need to be on site to participate. Knowledge test is 40 multiple-choice questions based in large part on FAA regulations. Film festival requires online submission of 90-second maximum-length film submitted 48 hours before the event, and entrants do not need to be present to win. Computer coding task parameters revealed at 930am with multiple-attempts flight mission test in afternoon. No flying is allowed out-of-doors. Do not power up your drone until instructed to do so as it can unintentionally interfere with other pilots’ radio control systems. *Contact Dr. Tim Slater at イドrone@uwyo.edu if more information is needed beyond what is available online at <https://dronechallenges.wordpress.com>*

updated January 24, 2022 by イドrone@uwyo.edu