

2016 PILOT ORIENTATION



Please display your registration badge when entering any of the flying areas. **ANYONE** who enters the flying areas (Non-pilots, press, vendors, guests, family, and helpers) must sign the waiver and obtain a badge or wristband to enter the flight-line area.

The central "racetrack" flying area is for normal flying activities in a left-hand pattern! Separate areas have been set aside for safe flying by 3D aircraft, helicopter & quads, ultra- micro, and F3P precision aerobatics. Please use those areas for those aircraft & respect the flying boundaries.

Everyone is required to use the main entrance only! All other exits are for emergency use only.

Horizon Hobby and our vendors donated all of your pilot prizes. Please visit our vendors and thank them. Your patronage is extremely important to them and they want to meet you!

Restrooms are located in the main entrance foyer. The food concession is at the top of the grandstands. Outside food is not allowed! Food & Drink are NOT allowed in the flying areas.

Free Wi-Fi (no password required). All balconies are off-limits.

Models will be retrieved from the nets after hours. Please fill out a form at the announcer's desk if your plane gets stuck so that we can return it to you.

RULES OF THE EVENT

1. Have a great time! Please be safe!

2. The NE Ohio Electric Fly is an AMA-sanctioned event – pilots must have current AMA cards and sign the AMA waiver and safety forms. The contest director (CD) is in charge of the event and has the final word. Large models must be approved by the CD.

3. Maximum allowable sizes:

- All aircraft, of all kinds : maximum weight 16oz with battery
- Aircraft motor size: "Speed 300" or equivalent brushless (less than 100 watts)
- MULTIROTORS: Max 250 size (Helis: 14" main rotor/8oz. Quads: max. 7" props)

4. Pilots: stand behind the designated flight line. Keep aircraft over the flying field (do not fly over the runway, do not fly behind the flight line). Keep the runway clear - if you head out to retrieve a model, announce "on the field" to the other pilots for your own safety – check for planes landing and taking off!

5. No hovering allowed in the main racetrack area! Please use the separate flying areas designated for "3D" and Heli flying.

6. Charge Lithium batteries in a fireproof container with a lid. Examples: metal box, ceramic pot, LiPo sack, etc. Sand buckets will be provided for safe disposal of suspect batteries (damaged, puffed or hot).

SCHEDULE OF EVENTS:

Friday March 18 7:00 pm until midnight: Open Flying

5:30 pm Event Setup (no admission)
7:15 pm Pilots meeting

Saturday March 19 9:00 am until 9:00 pm: Open Flying

9:15 am Pilots Meeting
9:45 am Presentation of the National Anthem
10:00 am Micro/Ultra-light carrier event
11:00 am 3D Freestyle event: "The Cube"
12:00 pm Special Demonstrations (Big Planes, vendors, etc.)
2:00 pm Pylon Race
4:00 pm Full-Contact COMBAT - Cash prize - \$5.00 entry fee
6:00 pm Musical Airplanes

Sunday March 23 – 9:00 am until 3:00 pm: Open Flying

10:00 am Micro/Ultra-light carrier event
12:00 pm Musical Airplanes
1:00 pm Full-Contact COMBAT - Cash prize - \$5.00 entry fee

INFORMATION ABOUT THE CONTESTS

Notice: “open flying” will need to be paused for the events that occur in the flying areas, for safety. “Demo flights” will be announced from time to time but general flying will not be stopped for most demos.

The CD reserves the right to exclude aircraft from competition if they are deemed inappropriate or unsafe. Thank you for your cooperation!

F3P Precision Aerobatics

The F3P contest is held in the F3P flying area. This is an AMA-sanctioned specialized aerobatic competition. F3P-class models are *extremely* light and compete according to strict international guidelines. The event will be held on Saturday and a separate registration is required.

Micro/Ultralight Carrier event:

Very small and lightweight planes (such as Vapors for example) compete to fly around a short course and land on a tabletop "aircraft carrier" without falling off (or being knocked off). It's a lot harder than it looks! Prize for the winner!

Musical Airplanes:

Models take off when the music starts - and fly away from the landing area. When the music stops, pilots must land their models in the landing area. Last one who lands is eliminated. This is repeated until we have a winner. The “landing area” will be the runway directly in front of the pilot stations. Prize for the winner!

Pylon Race:

3-4 pilots in each heat race their models around a two-pylon course, for 6 laps. The winner of each heat moves on, eventually to the finals. Prize for the winner!

Pylon Race Rules

- Electric aircraft only; must have a ready to fly weight of 16oz or less (including battery).
- Hand launch on signal. Landing gear is not required.
- Course size, layout and number of laps will be determined by the contest CD at the time of the contest and announced at the pilots meeting before the races.
- Pilots will be required to maintain full control of their aircraft at all times.
- If your airplane touches the ground at any point during the race, it means you're DONE.

Full Contact Combat:

Pilots pay \$5 to register and the winner is awarded the entire pot. All pilots fly one heat (everyone at one time) with the objective of knocking other planes out of the contest, this continues until the last plane flying wins. There will one event on Saturday and another one on Sunday as long as we have enough interest.

Combat Event Rules (in addition to normal event rules:

- Battery pack maximum size: 1000 mah. Number of cells: your choice. The winning plane will be weighed and inspected for battery size.
- Mass launch (1 heat)!
- The event will be monitored to ensure maximum engagement opportunity. Pilots will be asked to fly in a relatively small area at the center of the arena. Hiding at the ceiling or flying off to the side to avoid the fight will not be permitted.
- After launch, the pilot should listen to the CD for throttle and proximity instructions. After some time all pilots will be asked to go to "full throttle". The "flight monitors" will be watching for your throttle position as well as whether you engage in the battle. If you refuse to cooperate, then you may be asked to land.
- If your airplane touches the ground at any point during the match, it means you're DONE.
- If the airplane survives a mid-air collision and is "safe and controllable", it will be allowed to continue. If it is deemed "unsafe", you will be asked to land immediately.
- No leading edge cutting devices will be permitted for safety reasons.
- Pilots will be required to maintain full control of their aircraft at all times within the combat event area.

3D "CUBE"

This is a timed aerobatic contest held in the 3D area. Pilots will perform within a 60' aerobatic cube. They will be required to complete TEN freestyle "3D" maneuvers with a 90-second time limit. The pilot with the highest number of points wins a prize!

Rules for "The Cube":

- Electric aircraft only; open to any kind of model but must have a ready to fly weight of 16oz or less (including battery).
- Pilots may perform with or without music. (pilots must provide their own music & boom box)
- Contestants are required to perform and complete 10 freestyle "3D" maneuvers within the 60' cube, within 90 seconds.
- Each pilot starts with 100 points. There will be a 10 point penalty assessed each time a model goes outside the boundaries, touches the ground, or fails to complete 10 maneuvers in the allotted time.
- In case of a tie in points, the judges will also evaluate "style" and skill in the performance – or a repeat "fly-off" may be held at the judge's option.
- Four judges will monitor all four sides of the contest area. The ceiling will monitor itself.

Please patronize our in-house concession!

This is an independent business. Located at the top of the grandstands

• Hot Dogs	\$ 3.00
• Johnsonville Bratwurst	\$ 4.00
• Papa John's Pizza Super Slice	\$ 4.00
• Chick-Fil-a Sandwich	\$ 4.00
• Lg. Nacho Chips & Cheese	\$ 6.00
• Jumbo Soft Pretzel	\$ 3.00
• Fresh Popcorn or Cracker Jack	\$ 3.00
• Shearer's Potato Chips	\$ 2.00
• Fresh Fruit (assorted)	\$ 2.00
• King Size Candy	\$ 3.00
• Muffins, Donuts (assorted)	\$ 2.00
• Water or Coke Products (20oz)	\$ 3.00
• Powerade (20oz)	\$ 3.50
• Coffee	\$ 2.50
• Milk (White & Chocolate)	\$ 2.00

Nearby Places to Eat Out:

Please note: outside food is not allowed to be brought into the building!

NOTE: these UA facilities may not be open since UA is on “Spring Break”:

There is a small snack bar on the second level of the UA student center:

- Exit the Stiles Athletics house, turn right, re-enter and go upstairs

UA Student Union Building - Starbucks, SUBWAY®, Auntie Anne's Pretzels

- Exit the Stiles Athletics house, and walk NW across the common area.

The following independent establishments are relatively close by:

Exit the Stiles Athletics house, turn LEFT, and go SOUTH past the football stadium, to reach Exchange Street.

SUBWAY® 484 E Exchange Street (330) 253-9667

Buffalo Wild Wings Grill & Bar 456 E Exchange Street (330) 535-9464

EuroGyro 444 E Exchange Street (330) 434-4976

Taco Bell 414 E Exchange Street (330) 762-8080

Manny's Pub 394 Brown Street (330) 379-1010

Hanini Subs 394 Brown Street (330) 258-9600

About ½ mile further West on Exchange Street:

McDonald's 246 E Exchange Street (330) 376-7324

Please take time to visit our sponsors and vendors and thank them for supporting this event! They have contributed to the Pilots Prizes and their support was critical to our success!

HORIZON

H O B B Y

