

“Foam 400”

Pylon Racing

November 2nd @ 10:00 am
DERC – Lums Pond

Eligibility:

1. Safety First! Hard hats must be worn during races. If you have one, please bring it.
2. Pilot must be a club member and an AMA member.
3. All Pilots must be proficient in operating high performance airplanes (CD has discretion).
4. Registration ends October 25th (to register, simply email bill.netta@comcast.net)

Rules:

1. Aircrafts are limited to electric, fixed wing, foam airplanes of any size powered by a 4s maximum battery. (the course is a two pylon course, so turning fast is just as important as going fast).
Airplanes can be hand launch or ROG.
 - a. The entire airplane must be constructed of unsheathed foam (EPP, EPO, Depron, etc).
Other reinforcing material is allowed (i.e. carbon robs, wood dowels, bolts/screws, etc)
2. Airplanes must have a minimum of 3 channels including but not limited to: throttle, aileron, elevator.
3. Backup airplanes are allowed, however, the same airplane must be used throughout the event, unless a crash or mechanical failure prevents that from happening.

Course:

1. The course consists of Two pylons spaced 400’ apart located at the far edge of the runway (closest to the tree line).
2. The race pattern is a counter clockwise rotation around the pylons “Go fast, turn left!” (the plane does not actually have to fly “around” the pylon, it just needs to break the plane of the pylon).

Racing:

1. A race consists of (4) pilots completing (10) laps around the course.
2. There will be a min of (2) heat races and (1) final. The number of heat races depends upon the number of pilots. After all heat races, the top (4) scoring pilots will advance to a final race to determine the overall “Foam 400 Champion”. The races are not timed. It is scored by place finish only.
 - a. 1st place: 5 points
 - b. 2nd place: 4 points
 - c. 3rd place: 3 points
 - d. 4th place: 2 points
3. Each pilot will have a spotter that launches the pilot’s airplane, then will count laps (on his or her fingers held above their head).
4. There will be a spotter located at each pylon to keep track of “cuts”. If a pilot cuts a pylon, or flies over the pit area, he or she will be Disqualified from that heat and will receive (0) points.
5. Have Fun!!

Co CD: Bill Netta

Co CD: Nate Peterson

Please contact Bill Netta at bill.netta@comcast.net if interested in racing prior to October 25th, 2014.