

2017
Lowell Kinetic Sculpture Race
Official Rules****



One Rule to Rule Them All- You must have fun!! All kinetic pilots, pit crews, minions, barnacles, Kinetic Royalty, Mad Marshals, course volunteers, spectators, and happenstance by-standers should try their best to have FUN at all times. The mission is to show kids it is fun to be an adult. Those with frowny faces, grumpy grimaces, and other unbecoming sets of emotions shall be cited. Consistent crankiness by any team will garner a *time penalty*.

1. Pasta is your friend Rule

ACE RULE

All kinetic sculptures (KS) are human powered (get those carbs for necessary energy). Batteries, engines or other stored energy, are not permitted to propel the vehicle. A KS team may use its pilots, wind or gravity to propel its KS. Stored energy may be used to power non-propulsive items. Pit crews are permitted in certain locations (see rule # 6) to propel their KS.

2. It's a size thing Rule

ACE RULE

All KSes must conform to Massachusetts vehicle size restrictions of a maximum width of 102 inches, a maximum height of 13 feet 6 inches and a maximum length of 43 feet.

3. KaBOOM! Rule

While flames coming out of the mouth of a dragon KS would be wickedly awesome, combustible gasses are not permitted. Flatulence will be overlooked.

4. Love, love, love Rule

ACE RULE

All KSes must carry with them a lovable stuffed animal for those moments when your team is in despair and like a barnacle (see Rule #6 and special rules A), it must have a comfortable location to ride.

5. Inspector Gadget Rule

ACE RULE

Commandeering a kinetic sculpture is an inherently dangerous endeavor so it is important all safety rules are followed. All KSeS must pass the Main Mad Marshall's official safety inspection.

To pass the inspection you must have:

- functioning brakes**
- warning triangle (12" x 12") attached to the back of the KS**
- affixed tow ring, attached to the front, in the middle and strong enough to haul the entire KS from whatever situation it may be in (water, mud, sand, the grips of a giant troll, etc)**
- Coast Guard approved life jackets for every pilot and barnacle**
- waterproof first-aid kit containing at least bandages and antibacterial cream.**
- 1 container of water per pilot and barnacle (1 quart)**
- One horn (with squeezable bulb-please no air horns, we don't want to scare the birds)(See Rule #13)**
- a paddle or an oar**
- a cell phone to receive urgent race related calls (the number will be requested as part of your registration)**
- all pilots and barnacles under the age of eighteen shall have a helmet (bicycle helmet, hard hat, batter's helmet, or skateboard helmet)**

6. Friends, Friends, Friends Rule

ACE RULE

Each Sculpture must have 1 or more Pilots. Each Pilot and barnacle must have 1 human Pit Crew member. Each Sculpture may have 1 human Barnacle. Barnacles must be 12 years old or older. Having a Barnacle on your KS will garner you a time bonus!!

7. Breaking the Law, Breaking the Law Rule

ACE RULE

All law enforcement orders must be followed. If you are directed by an officer of the law to do something, do it.

8. Fun for all Rule

ACE RULE

This is a family event, with spectators of all ages who look up to Kinetic Pilots with great esteem. Do not consume, ingest, or inhale any mind-altering substances, legal or illegal, before or during the race. The Race is a fantastic journey down the rabbit hole as it is, there should be no need to add to that craziness. (penalty: banishment)

9. Pile it on Rule

ACE RULE

If you need something to complete the course, you need to carry it on your KS (floatation devices, alternate wheels, basic tools, etc.). Your team can bring along the mig welder in another vehicle, but other basics to fix, for instance a pedal, should be on your KS. Need to pump up your floatation devices? It should be on your KS. (See also Rule #5)

All KSeS must also have:

- IDs, for all pilots and barnacles**
- Official LKSR Rules**
- Course map**

10. It's Nice to be Nice Rule

Your sculpture must not be dangerous or harmful to yourself or anything else in the world. Projectiles such as arrows, anchors, grappling hooks etc. are not permitted. Bubbles though, are permitted and encouraged. In fact, if your KS is surrounded by bubbles throughout the race you will receive a time bonus!! Also, a team helping another team makes you a winner and will be noticed by officials (See Awards).

11. Mom's High Anxiety Rule

ACE RULE

Make sure you can get out of your KS in an emergency. Each Pilot must have a quick exit path. In addition, life jackets must be worn while on the water! You will not be allowed to begin a water crossing unless you are wearing a life jacket.

12. Feet Don't Fail Me Now Rule

ACE RULE

Except, you may not have your feet on the ground to propel your sculpture, unless you are in a *Legal Push Zone*. Do not try to stretch the rules by strapping snowshoes on your feet or argue that it's the rubber on your shoes touching the street. You will be cited by a LKSR official and a Time Penalty will be given. You may move laterally or backwards to better position yourself when approaching an obstacle. Pit crew may help in moving laterally or backwards or in a Legal Push Zone.

13. The James Brown Showmanship Rule

ACE RULE

Loud and proud!! Your team name should be proudly displayed for all adoring fans, spectators, TV crews, glossy magazine editors and LKSR Royalty.

14. Ya Can't Get Tha-ya from Hee-ya Rule

ACE RULE

Pilots are not permitted to leave the course. You will be given a map at check-in, so there is no reason to be careening off into some far off land, unless it's wonderland and you are chasing a rabbit; that is ok. Otherwise a Time Penalty will be allotted to your team for such an infraction. If for some reason there is a need to be off course, notify your LKSR official as to the circumstances and accommodations will be made, a little bribing can go a long way in this case.

15. S.S. Minnow Rule

ACE RULE

The drift limit in the river will be established by the crew monitoring the safety of your water bound vessels. If your KS goes beyond the limit, you will be towed back to the course or brought back to shore.

16. Hug Your Official Rule

Harassment of Officials or Mad Marshals is not allowed. They are doing the best they can. If things are not going your way, take it personally—they are picking on you. Pilots, Pit Crews, Mad Marshals and Officials will not involve themselves in incidents of kicking, biting, scratching, or fisticuffs. Anyone engaging in such outrageous activities is not honored, but disgraced. (penalty: 1 hour or Banishment)

17. Beep Beep, Beep Beep, Yea Rule

Sculptures honked upon must yield right-of-way and pull aside at the first opportunity to allow faster moving sculptures to pass. Passing pilots should gesture or display an obligatory sign of gratitude.

18. Who's Running This Ship Rule

ACE RULE

There must be at least one pilot over the age of eighteen on board at all times. The steering Pilot must have a valid driver's license.

19. Head, Shoulders, Knees and Toes Rule

ACE RULE

Your sculpture must be ridden by all Pilots at all times over the entire course. Therefore, at no time (including water entry and exit) can your sculpture be pushed, pulled, or otherwise propelled along the course by Pilots and/or Pit Crew except in a designated "Legal Push Zone". Your Sculpture may be moved sideways or backwards, either by Pilots or Pit Crew (or both), to areas to perform repairs, to gain better course conditions or to clear the course. In addition, no gadgets, such as skis, snowshoes, boards, etc. attached to your feet will be considered part of the sculpture.

20. Real Thing/Right Stuff Rule

ACE RULE

For the pilots on a sculpture to receive ACE status, no relief pilots will be allowed under any circumstances during the race. Pilots must stay within 20 feet of their Sculpture at all times (need to use the bathroom? Please have a pit crew member stand in for you so if we need to find you we can) and are not allowed to ride on a Pit Crew vehicle while KS is progressing the course. In other words, you may not rotate pilots during the race. (penalty: loss of ACE status)

21. The Agony of De Feet Rule

ACE RULE

An ACE Sculpture must negotiate the course without assistance from any other vehicle. Receiving a tow suggests engineering improvements are required. Back to the old drawing board, and better luck next year! If your KS is able to be pushed, then by all means bring glory to your team by pushing it back to the finish line.

You will receive high amounts of praise and glory for toughing it out, though you will lose the chance of ACE-ing (exception: See rule 15, S.S. Minnow Rule)

22. 8% Total Body Wetness Rule

Pilots are only allowed 8% total area of body/clothes wetness. The point here is to stay out of the water. Therefore every effort should be made to keep bodies above the river water line. You never know what could be lurking in them thar waters.

23. Wait Five Minutes, It'll Change Rule

In the event of sun, the race will run anyway. In the event of rain, the race will run anyway.

24. The Tortoise and the Hare

ACE RULE

Your KS must move faster than a person walking or the bubbles that might be blasting out of your cannon. To insure the proper encouragement from the masses of adoring fans you have, it is necessary for you to be at the respective obstacle at launch time.

25. Mandatory Fun Rule

All Pilots, Pit Crew members, Minions, Barnacles, Officials, Spectators, Police, Marine Posse, Timers, Royalty and any Passersby must put great effort into HAVING FUN! for it is such craziness as this, that keeps us all sane. (See The One Rule to Rule Them All)

Other Rules

A. Barnacle Bonus

For optional collection of additional valuable advantages (a time bonus) non-powering humans (*Ages 12-100; with a minimum weight per barnacle of 93 pounds) can be carried aboard on a specially designed “seat” and may essentially be a “passenger” throughout the entire course. Barnacles may not be substituted and must sign the entry and waiver form. Barnacles may not in any way assist in the movement or propulsion of the sculpture and must stay seated while “clocked in” on the course. The Barnacle may direct and encourage the pilots by yelling and being an annoying backseat nudge, but must refrain from using really bad, ugly words.

B. The Inevitable Eventuality Rule

In the event the Official Race Course must be altered while the Race is in progress, Diverted Sculptures will receive an appropriate time adjustment (positive or negative) by a Race Official. If the detour is essentially the same as the closed route, then let’s forget the whole thing! In the event of a course change, course closures, or difficult timing problems, etc., Pilots must obey all alternative rules, timing, and course changes set into motion by Race Officials.

C. Bribes

Unless you are intending to ACE (your team needs to register as an ACE attempter) officials may look the other way if a fine delectible or piece of hand crafted art is discreetly or not discreetly given to them. We also look kindly at teams that distribute bribes to their adoring fans.

D. Uniformly Uniform

It is expected that all teams will have a unified team theme that will help to identify you as a member of your team. Is your machine a chicken? Then your pilots and pit crew should have a uniform that matches or relates to your chicken (chicken outfits for all!)

******In an effort to maintain consistency and with permission from the Baltimore Kinetic Sculpture East Coast Championship Race, we have modified, changed, stolen, morphed, added to, transfigured, contorted and ruined their rules and awards for our purposes.**

******These rules are subject to change but within a proper amount of time to allow teams to adjust, should they need to.**