



MESA Day 2019 Contest Rules Addendum

The following revisions and clarifications to MESA Day contest rules supersede the respective rules currently posted on the CA MESA website. Please ensure that your advisors and students are made aware of these changes in preparation for MESA Day competitions. The MESA Day Rules Committee has approved these and any questions can be directed to the chair, Marvin Maldonado (UCI), at mjmalodon@uci.edu. Thank you!

MS Wright Stuff Glider & HS Wright Turn Glider:

- Both levels, General Rules #10 should read as follow: “Remote-control devices of any kind may **NOT** be used. Any devices that operate on the glider **MUST** be self-contained and may NOT provide any thrust to the glider.”
- **HS:** The project overview incorrectly describes the target to be directly in front of the launcher with no turn. The correct project overview should read as follows:
 - Students will design and construct a glider that, when launched by the official supplied launcher, flies through the air, makes a right turn, and lands on a ground target angled to the right of the launcher, located 12.2 meters (40 feet) away, and marked by a “+”. The glider must be the original work of the students. Judges may ask questions for verification

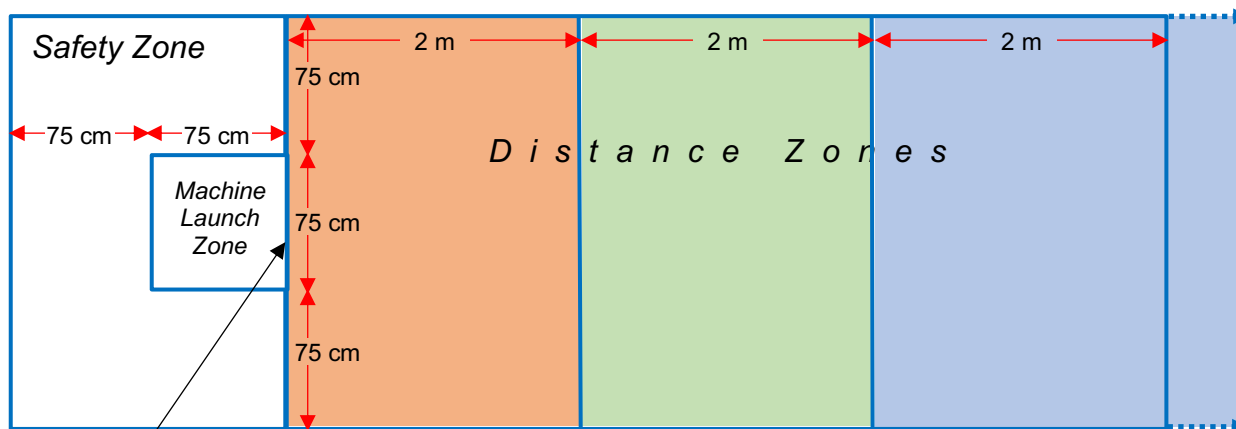
Ultimate Disc (PILOT):

- **MS:** Field visual was updated to match the accuracy competition diagram.
- **MS:** Correction to Judging Rule 1.d.i. : Teams will have **2** chances to throw their discs.
- **MS/HS:** Allowed aggregates are defined and resource provided:
 - Aggregates used must fall in either the fine or coarse category of granular material allowed.
 - No hazardous aggregates (i.e., crushed glass)
 - More specifics on aggregates here: <https://www.cement.org/cement-concrete-applications/concrete-materials/aggregates>
- **MS/HS:** Coating limitation is further clarified, and paint is added as the exception:
 - No coatings that increase the hardness of the disc or create a shell around the disc can be used. (i.e., plastic, rubber, glue) with the exception of paint (any type) may be used.
- *Revised rules dated 12.10.18 will be posted for this competition only.*

Continue to page 2 for MS MESA Machine Clarification

MS MESA Machine Scoring Clarification for Distance Points: Please take note of the following clarification regarding the distance scoring guidelines under Competition Area Specifications.

- 1) To be awarded distance points, vinyl kickball **MUST** initially land (i.e., first contact with the ground) inside Distance Zone 1, 2, or 3, except beyond Distance Zone 3.
- 2) *Beyond Distance Zone 3* is defined as vinyl kickball initially landing over 6 m from Launch Line **and** within 2.25 m width of Distance Zones.



Launch Line

0 – 2 m from Launch Line = Distance Zone 1
 > 2 m – 4 m from Launch Line = Distance Zone 2
 > 4 m – 6 m from Launch Line = Distance Zone 3



Inside Distance Zone 1 = 5 points



Inside Distance Zone 2 = 10 points



Inside or Beyond Distance Zone 3, but within 2.25 m width = 20 points