

OFFICIAL MANEUVERABILITY SCORING SHEET

ROAD AMERICA 2011

Course Set-up

1. Make sure each cone is set up on a diagonal, instead of at a square. This will help vehicles so they don't hit the base of the cones.
2. With duct tape, place an X beneath each cone so you will know where the cone should be set in case a vehicle does hit it.

Rules:

1. A slalom course consisting of five (5) cones, spaced 25 feet apart will be run out and back, by each vehicle from a standing start. **The starting line will be 25 feet before the first cone.** Each vehicle will be allowed to make three runs, with the ***first*** run a practice run. The **average** time of the second and third runs will be used to determine the score. If the vehicle only attempts one timed run, the second run time will be the highest run time of all participating vehicles that day (indicate this in the table below). Vehicles will be ranked and awarded points accordingly. Record the time to the hundredth of a second.
2. If a cone is skipped, they must start over. This does not count as one of their two runs.
3. NOTE: Separate battery packs may be used for the Braking/Maneuverability competitions.
4. The maneuverability portion of the competition is worth 100 possible points total (50 pts. at Road America and 50 pts. at Fox Valley Tech.).

Points:

Place	Points	Place	Points
1 st	50	6 th	42.5
2 nd	48.5	7 th	41
3 rd	47	8 th	39.5
4 th	45.5	9 th	38
5 th	44	10 th	36.5

Point values will continue to decrease by 1.5.

Point penalties:

- ◆ Hitting a cone: add 5 seconds
- ◆ Knock over a cone: add 10 seconds
- ◆ Wheels off ground: add 5 seconds (each time wheels come off ground)
- ◆ Rolling vehicle over: vehicle must go through inspections again

Classes:

- S = Standard (Class 1)
- A = Advanced (Class 2)
- O = Open (Class 3)
- E = Exhibition

Class 1 (1st place trophy per class)

SCHOOL	CAR #	NOTES (i.e. point penalties)	Run 1 (Start on left) (time)	Run 2 (Start on right) (time)	Average	Rank (within each class)	Points (classes combined)
Barneveld	28		17.53	16.40	16.97	1	48.5
Bayfield	40		23.69	22.81	23.25	8	32
Bonduel	128		21.09	21.25	21.17	5	39.5
Bonduel	328		21.78	22.97	22.38	7	33.5
Cashton	34		22.37	22.00	22.19	6	35
Coleman	11		19.87	20.13	20.00	2	44
Coleman	21		22.4	24.5	23.45	10	29
Eau Claire North	64		20.06	20.46	20.26	3	42.5
Glenbuelah-Elkhart Lake	20		25.06	28.47	26.77	11	27.5
John Hersey	26		30.16	27.5	28.83	12	26
Oostburg	01		22.94	17.97	20.44	4	41
Wild Rose	13		23.53	23.19	23.36	9	30.5

Class 2 (1st place trophy per class)

SCHOOL	CAR #	NOTES (i.e. point penalties)	Run 1 (Start on left) (time)	Run 2 (Start on right) (time)	Average	Rank (within each class)	Points (classes combined)
Bonduel	228		21.13	22.06	21.60	5	36.5
Brookwood	25		19.00	19.06	19.03	3	45.5
Kimberly	84		19.53	17.97	18.75	2	47
Oostburg	03		20.69	21.87	21.28	4	38
Watertown	27		16.00	15.78	15.89	1	50

PLEASE GIVE THESE FORMS TO SARA WINDJUE WHEN COMPLETED. THANK YOU!