

**2009 HPV EAST
DESIGN EVENT SCORES**



	3	4	5	6	7	8	9	10	13	14	15	16	24	25	26	27	33	34	35	36	38	40	45	46	47	48	49	50		
	Black Widow	Talon	Hellas	The Knarr	The Accident	Building	Dragonwagon	Dragonwagon	centaur	Utility 1	Ripped Roper	Mech .5	Transgressor	Mighty Mite	Whispering Willy	Henry	VAYU	The Howler	Mark IV	Flying Badger	Northern Wind	Vicious Cycle	HP-Turbo	Ferrari	Rudy Herz	Tourelle	RainRod	ESRE HPV		
	The University of Oklahoma	Roger Williams University	Olin College	Wright State University	U. S. Naval Academy	Ferris State University	Drexel University	Drexel University	universidad zulia	Arkenas State	Central Connecticut State University	Rutgers University	Missouri S&T	UNC- Charlotte	Grove City College	Rowan University	Indian Institute of Technology, Delhi, India	Arkensas State	Rose-Hulman Institute of Technology	University of Wisconsin, Madison	Northern Illinois University	University of Central Florida	Stony Brook University	Iowa State University	University of Iowa	University of Wisconsin Platteville	Philadelphia University	Escuela Politécnica del Ejercito		
Design Area	SUM	SU	S	SU	S	U	MU	MU	S	U	S	S	S	S	MU	S	S	S	SU	S	S	S	MU	S	S	S	S	S		
Innovation and Design	20	11.88	11	13	6.75	11.63	9.75	3.25	7.5	12.75	10.75	6.25	6.25	11.5	8.75	17.33	11.5	8.5	15	12.5	8	13	3.375	7.25	9	12	5.25	7.75		
Analysis	30	15.75	13	21.75	13	11.75	13.25	2	11	17.75	14	3.75	3.75	21.75	14	19.67	6.25	23.75	14.5	21.75	15.25	11.25	20.5	0.5	2.5	10	15.75	2.25	9.25	
Testing	35	11.5	20.13	21.13	14.13	11.5	11.38	5	0	15.75	14.38	6.625	0	25.25	10.63	22.67	0	11.88	12.88	26	15.63	13.63	22.63	0.375	3.375	4.75	12.63	2.875	9.125	
Safety	20	17	15	15.75	17.5	17	17.75	11.5	12.25	17	18	17.25	0	17.25	17	15.33	0	15.5	17.75	18.25	15.75	13.25	17.75	0	15.75	3.25	13.5	8.5	12.5	
Practicality	45	14.5	0	11.75	0	16.25	9	11	0	16.5	0	0	0	0	0	35.67	0	0	2	1	21.5	0	0	0	15	0	0	0	0	
Aesthetics	10	6.5	3.5	3	4.5	3.5	2.75	2	2.75	5.5	6.25	4.5	0	6.5	6.75	3	1.25	3.25	5.75	7	4.75	4	6	0	5.75	3	4.25	3.75	5.25	
Late Submission Penalties						0.62	0.05	0.59	0.1			0.51														0.1	0.2			
Other Penalties						0.67	0	0.59	0.1	0	0	0	0.51	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.1	0.2	0	0	
Total Penalties		0	0	0	0	0.67	0	0.59	0.1	0	0	0	0.51	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.1	0.2	0	0	
Total Raw Score Single	100	58.04	54.58	65.2	49.34	16.96				62.23		36.47		70.68	52.43			59.7	53.57	76.98	57.76	44.41	66.51			25.69	42.47	22.33	40.36	
Total Raw Score Multi	100						9.055	30.19		31.05						69.34														
Basic Design Utility Score	100	57.13			48.7		52.13	2		2		56.34				73.95					58.68						32.85	29.5	2	
Utility Tier		2					2	2								1					2									
Tier 1 Design for Utility Score	100															73.81														
Tier 2 Design for Utility Score	100	46.06			40.28		45.78	11.28	28.9		49.92										53.94						42.59			
Utility Tier 1 Place							5	9	8		3					1					2						6			
Utility Tier 2 Place		4			7		5	9	8		3					1					2						6			
Utility Place		7	9	4	12	19				5		16			2	11			6	10	1	8	13	3			17	14	18	15
Single Place																														
Multi Place							4	3								1											2			
Utility Points		40.0			20.0		33.3	6.7	13.3		46.7					60.0														
Single Points		27.4	23.2	33.7	16.8	2.1				31.6		8.4		37.9	18.9			29.5	21.1	40.0	53.3					26.7				
Multi Points							10.0	20.0							40.0						25.3	14.7	35.8			6.3	12.6	4.2	10.5	

ASME HPVC SPRINT EVENT RESULTS

2009 HPVC EAST PHILADELPHIA, PA 18-Apr-2009

SINGLE RIDER RESULTS SORTED BY OVERALL PLACE:

OVERALL			MALE			FEMALE		
PLACE	VEH #	POINTS	VEH #	TIME	SPEED	VEH #	TIME	SPEED
1	24	30	1	4.91	45.56	24	5.35	41.81
2	1	28.5	24	5.04	44.38	1	5.78	38.7
3	15	27	47	5.12	43.69	5	7.51	29.79
4	5	25.5	15	6.24	35.85	15	7.75	28.86
5	7	24	5	6.49	34.47	7	8.66	25.83
6	34	22.5	50	6.61	33.84	34	8.75	25.56
7	13	21	7	7.09	31.55	13	9.59	23.33
8	50	19.5	13	7.17	31.2	40	10.74	20.82
9	4	18	4	7.22	30.98	49	11.25	19.88
10	40	16.5	34	7.28	30.73	50	11.71	19.1
11	49	15	40	9.06	24.69	4	12.06	18.55
12	47	13.5	49	9.18	24.37	25	12.08	18.52
13	38	12	3	9.44	23.7	48	12.72	17.59
14	25	10.5	38	9.44	23.7	38	12.93	17.3
15	48	9	6	9.96	22.46	33	14.14	15.82
16	3	7.5	33	10.47	21.37	6	14.45	15.48
17	6	6	25	10.66	20.98	3	15.19	14.73
18	33	4.5	48	10.69	20.93	36	21.46	10.42
19	36	3	36	17.93	12.48	51	99	2.26
20	51	1.5	51	18.12	12.35	47	99	0

MULTI RIDER RESULTS SORTED BY OVERALL PLACE:

OVERALL			MALE			FEMALE		
PLACE	VEH #	POINTS	VEH #	TIME	SPEED	VEH #	TIME	SPEED
1	26	30	26	6.6	33.89	26	7.03	31.82
2	9	22.5	9	7.94	28.17	9	9.06	24.69
3	46	15	46	13.01	17.19	46	21.23	10.54
4	10	7.5	10	99	2.26	10	99	2.26

	3	6	8	9	10	14	26	36	46
2009 HPVC EAST	Black Widow	The Knarr	Bulldog	DragonWagon 2.0	DragonWagon 3.0	Utility 1	Whistling Willy	Flying Badger	Ferrari
UTILITY CLASS RESULTS	The University of Oklahoma	Wright State University	Ferris State University	Drexel University	Drexel University	Arkansas State	Grove City College	University of Wisconsin, Madison	Iowa State University
CLASS	SU	SU	U	MU	MU	U	MU	SU	MU
DESIGN EVENT	4	7	5	9	8	3	1	2	6
	40.0	20.0	33.3	6.7	13.3	46.7	60.0	53.3	26.7
UTILITY EVENT	7	4	3	8	9	6	1	5	2
	13.3	26.7	31.1	8.9	4.4	17.8	40.0	22.2	35.6
OVERALL	53.3	46.7	64.4	15.6	17.8	64.4	100.0	75.6	62.2
PLACE	6	7	3	9	8	3	1	2	5