

Finals Results

Team America Rocketry Challenge 2009

Place	Team Name	City	State	Team Number	Rocket Motor(s) Used	Rocket Weight (gm)	Rocket Length (cm)	Flight 1 Altitude (ft)	Flight 1 Time (sec)	Flight 1 Score	Flight 2 Altitude (ft)	Flight 2 Time (sec)	Flight 2 Score	Final Score
SCORES/PLACES BASED ON TWO FLIGHTS														
1	Madison West High School (Team 3)	Madison	WI	7141	G71	1310	129	740	44.03	11.94	749	41.2	8.60	20.54
2	Festus High School	Festus	MO	7524	F39-6	480	76	746	46.03	6.06	733	43.57	19.86	25.92
3	New Site High School	New Site	MS	7191	F42-4	579	105	733	46.87	20.74	745	39.72	15.56	36.30
4	Butler County High School	Morgantown	KY	7374	2x D12-7	370	48	755	45.44	5.88	715	44.34	36.32	42.20
5	St.Thomas High School	Houston	TX	7472	F50-6	775	98	764	43.78	16.44	760	36.68	26.64	43.08
6	Lake Braddock Secondary School	Burke	VA	7256	E30-7	383	79	747	44.55	3.90	718	41.16	39.68	43.58
7	Ingraham High School (Team 3)	Seattle	WA	7063	F52-5	851	102	746	43.24	7.52	787	45.89	38.78	46.30
8	Roosevelt High School	San Antonio	TX	7331	F60-4	837	120	743	44.93	7.14	716	41.81	40.38	47.52
9	Plantation High School (Team 4)	Plantation	FL	7611	E9-8, 2xD12-7	535	82	737	42.05	18.90	728	40.41	31.18	50.08
10	Hart County 4-H (Team 3)	Mundfordville	KY	7406	3x E9-4	915	138	743	41.49	14.02	749	25.97	39.06	53.08
SCORES/PLACES BASED ON FIRST FLIGHT ONLY														
11	South Forsyth High School	Cumming	GA	7285	F20-4	513	79	750	44.15	1.70	709	39.24	52.52	1.70
12	Rockwall Heath High School	Heath	TX	7028	F20-7	654	94	756	43.44	9.12	598	25.22	191.56	9.12
13	Dean Ray Stucky Middle School	Wichita	KS	7495	F52-8	815	81	750	49.57	9.14	671	43.02	82.96	9.14
14	Manor Middle School	Lancaster	PA	7295	G64-7	1310	123	758	46.02	10.04	726	31.45	51.10	10.04
15	The Phelps School (Team 1)	Malvern	PA	7050	E15-4	386	69	746	41.79	10.42	688	40.81	70.38	10.42
16	Oaks Christian High School	Westlake Village	CA	7134	G76-7	1477	125	748	49.5	11.00	707	41.74	49.52	11.00
17	West Boca Raton High School	Boca Raton	FL	7613	F45-8	625	90	753	40.97	11.06	652	33.95	DQ - egg	11.06
18	Krueger School of Applied Technologies (Team 4)	San Antonio	TX	7272	F60-4	790	116	757	50.84	18.68	819	57.39	93.78	18.68
19	Presidio High School	Presidio	TX	7351	F24-4	412	87	746	52.73	19.46	700	47.38	54.76	19.46
20	Northwest High School	Justin	TX	7236	G80-4	1115	108	759	50.91	20.82	792	48.23	48.46	20.82
21	Century High School	Bismarck	ND	7317	E28-4	395	56	734	41.95	22.10				22.10
22	Westland High School	Galloway	OH	7227	F52-8	851	83	743	52.69	22.38				22.38
23	Northside College Preparatory High School	Chicago	IL	7035	F42-8	611	106	731	43.12	22.76				22.76
24	Ingraham High School (Team 2)	Seattle	WA	7062	F52-5	851	84	771	46.06	23.12				23.12
25	MacArthur High School	Lawton	OK	7097	F50-9	740	141	730	43.4	23.20				23.20
26	Westmont High School	Cambell	CA	7416	G53-7	1136	103	729	46.6	24.20				24.20
27	Madison High School	Madison	OH	7073	E18-4	454	71	727	44	25.00				25.00
28	Mitchell High School	Colorado Springs	CO	7016	F35-5	679	97	736	50.91	25.82				25.82
29	Enloe High School	Raleigh	NC	7355	F25-4	820	95	766	50.06	26.12				26.12
30	Mulberry Grove High School	Mulberry Grove	IL	7002	F42-8	594	101	732	40.54	26.92				26.92
31	Federation of Galaxy Explorers	Chantilly	VA	7336	F50-6	825	102	733	39.34	28.32				28.32
32	Robert E. Lee High School	Staunton	VA	7220	F39-6	489	71	724	47.17	30.34				30.34
33	Trinity Christian Prep School	Charlotte	NC	7049	G77-7	1217	70	726	39.92	34.16				34.16
34	Spring Grove Area High School (Team 3)	Spring Grove	PA	7118	2x E9-6	615	90	772	51.29	34.58				34.58
35	Turner High School	Kansas City	KS	7459	G77-7	1274	94	716	44.6	34.80				34.80
36	Krueger School of Applied Technologies (Team 5)	San Antonio	TX	7577	F60-4	815	112	758	58.69	35.38				35.38
37	Penn Manor High School (Team 3)	Millersville	PA	7277	G64-7	1334	105	717	47.11	37.22				37.22
38	Krueger School of Applied Technologies (Team 3)	San Antonio	TX	7271	F60-4	840	106	716	43.12	37.76				37.76
39	Francis W. Parker Charter Essential School	Devens	MA	7200	3x D12-7	521	88	713	43.57	39.86				39.86
40	East Central High School (Team 1)	San Antonio	TX	7132	G80-7	1127	114	717	49.49	41.98				41.98
41	North Royalton High School (Team 2)	North Royalton	OH	7347	F39-6	490	54	728	34.12	43.76				43.76
42	Boy Scout Troop 17	Charlottesville	VA	7300	F39-6	539	97	708	46.14	44.28				44.28
43	Apple Valley High School (Team 1)	Apple Valley	MN	7237	E15-4	360	59	713	48.84	44.68				44.68
44	Penn Manor High School (Team 2)	Millersville	PA	7276	G64-7	1296	112	793	44.01	44.98				44.98

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44	North Royalton High School (Team 1)	North Royalton	OH	7346	F39-6	490	63	708	46.49	44.98				44.98
45	Macomb Mathematics Science Technology Center	Warren	MI	7567	E30-4	357	79	704	45.11	46.22				46.22
46	Great Commission Academy	Indianapolis	IN	7150	F39-6	525	69	716	38.2	47.60				47.60
47	St. Andrews	Park Ridge	IL	7018	F50-6	813	85	717	37.59	47.82				47.82
48	Dublin Christian Academy	Dublin	NH	7081	F52-5	835	91	784	52.31	48.62				48.62
49	Twinsburg High School	Twinsburg	OH	7083	F24-4	488	86	710	49.64	49.28				49.28
50	East Central High School (Team 4)	San Antonio	TX	7255	G80-7	1246	118	712	38.96	50.08				50.08
51	Cheyenne Mountain Charter Academy	Colorado Springs	CO	7179	F45-8	623	129	791	49.62	50.24				50.24
52	Santa Cruz High School	Santa Cruz	CA	7367	F39-6	447	85	798	46.22	50.44				50.44
53	Apple Valley High School (Team 3)	Apple Valley	MN	7239	E15-4	310	63	700	45.25	50.50				50.50
54	Desert Valley High School	Brawley	CA	7038	F20-4	448	96	792	40.72	50.56				50.56
55	Newark Memorial High School	Newark	CA	7519	F27-8	554	93	703	42.52	51.96				51.96
56	Templeton Middle School	Templeton	CA	7310	G77-7	1270	103	705	49.31	53.62				53.62
57	South Houston High School	South Houston	TX	7417	E9-8, D12-7	500	81	702	47.92	53.84				53.84
58	Plantation High School (Team 3)	Plantation	FL	7610	3x D12-5	581	71	786	35.16	55.68				55.68
59	The Phelps School (Team 2)	Malvern	PA	7051	E30-4	376	84	805	45.8	56.60				56.60
60	Madison West High School (Team 2)	Madison	WI	7140	G71	1354	128	697	47.46	57.92				57.92
61	Merrimack High School	Merrimack	NH	7464	4x C6-5	367	67	690	41.5	67.00				67.00
62	Arlington High School	Arlington	MA	7625	F20-4	472	76	801	53.34	67.68				67.68
63	Chisum High School (Team 1)	Paris	TX	7114	F52-8	860	126	691	49.63	68.26				68.26
64	Dublin Scioto High School	Dublin	OH	7507	F50-6	845	115	686	47.89	69.78				69.78
65	Wicomico High School (Team 2)	Salisbury	MD	7138	4x D12-3	716	71	684	42.71	70.58				70.58
66	Ingraham High School (Team 1)	Seattle	WA	7061	F52-5	870	110	690	38.29	73.42				73.42
67	Liberty High School	Bealton	VA	7126	E18-4	381	88	804	57.61	79.22				79.22
68	Thomas Jefferson High School	Alexandria	VA	7403	E30-7	400	65	702	28.91	80.18				80.18
69	Spring Grove Area High School (Team 2)	Spring Grove	PA	7117	2x E9-6	600	90	806	57.14	80.28				80.28
70	Longfellow Middle School (Team 1)	Falls Church	VA	7594	E30-7	398	71	675	42.1	80.80				80.80
71	East Central High School (Team 3)	San Antonio	TX	7254	G80-7	1220	115	677	40.25	82.50				82.50
72	Marticville Middle School	Pequea	PA	7279	G64-7	1314	112	688	34.18	83.64				83.64
73	Penn Manor High School (Team 1)	Millersville	PA	7275	G64-7	1306	99	740	82.41	84.82				84.82
74	Hart County 4-H (Team 1)	Mundfordville	KY	7404	2x E9-8, 1x E9-4	996	99	698	61.48	84.96				84.96
75	First Baptist Church of Manchester	Manchester	CT	7160	F39-6	484	77	665	45.98	86.96				86.96
76	Springfield High School	Akron	OH	7362	G53-5	961	82	831	48.57	88.14				88.14
77	Blue Ridge Rocketeers	Charles Town	WV	7089	G53-7	1090	117	656	44.06	95.88				95.88
78	O'Gorman High School	Sioux Falls	SD	7096	G64-4	1173	113	651	51.84	112.68				112.68
79	Jefferson County 4-H	Beaumont	TX	7573	3x D12-7	606	100	640	49.06	118.12				118.12
80	Mahtomedi High School	Mahtomedi	MN	7045	G80-7	1483	126	646	33.98	126.04				126.04
81	Wicomico High School (Team 1)	Salisbury	MD	7137	3x D12-5	615	71	663	22.51	131.98				131.98
81	Civil Air Patrol Wicomico Composite Squadron	Salisbury	MD	7454	2x E9-4	635	97	629	50.49	131.98				131.98
82	Hanes Magnet School	Winston-Salem	NC	7376	F24-7	510	93	621	28.16	162.68				162.68
83	New Hampshire Aerospace Academy	Dumbarton	NH	7071	G80-7	1228	115	604	33.22	169.56				169.56
84	Wilson High School	Florence	SC	7207	F25-4	600	103	915	55.68	186.36				186.36
85	Chisum High School (Team 2)	Paris	TX	7115	F42-8	730	106	582	33.11	191.78				191.78
86	Whitefish Bay High School	Whitefish Bay	WI	7030	E30-7	322	62	876	79.03	194.06				194.06
87	Clayton High School	Clayton	MO	7131	G40-4	1275	120	556	29.99	224.02				224.02
88	Plantation High School (Team 2)	Plantation	FL	7609	E9-8, 2x D12-5	592	83	344	18.58	458.84				458.84
89	Washington International School	Washington	DC	7389	G53-7	979	115	0	40.41	759.18				759.18

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--	Zion Lutheran Youth Group	Fort Wayne	IN	7004	G79-7	1270	117	833	49.79	DQ - egg				DQ - egg
--	Frenship High School	Wolfforth	TX	7012	F60-4	865	94	746	45.32	DQ - egg				DQ - egg
--	Newark Area Homeschoolers	Newark	OH	7053	G53-7	1160	101	639	37.06	DQ - egg				DQ - egg
--	Madison West High School (Team 1)	Madison	WI	7139						no flight				no flight
--	York High School	Yorktown	VA	7142	F40-9	585	85	760	91.23	DQ - egg				DQ - egg
--	Stone Middle School	Huntsville	AL	7206	F50-6	775	104	0	41.27	DQ				DQ
--	Tulsa Technology Center	Tulsa	OK	7338	F5-6	765	92	0	14.57	DQ				DQ
--	Longfellow Middle School (Team 4)	Falls Church	VA	7597	E30-7	385	69	744	26.06	DQ - egg				DQ - egg
--	Plantation High School (Team 5)	Plantation	FL	7612	G53-7	880	104	802	50.97	DQ - egg				DQ - egg