

MASA Launch, Elk River VFW, April 27, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Beard, Jadon	Skytrax	B6-4	separation	1	5
2	Beard, Jadon	Skywriter	A8-3	good flight	1	2.5
3	Beard, Jadon	The Patriot	B6-4	good flight	1	5
4	Beard, Jadon	The Patriarch	B6-4	good flight	1	5
5	Beard, Jadon	The Wizard	A8-3	good flight	1	2.5
6	Brown, Alex	Escape Cruiser	A8-3	good flight	1	2.5
7	Brown, Alex	Nebulon Warrior	A8-3	good flight	1	2.5
8	Brown, Luke	Earth Forces Starfighter	C6-5	no eject, lawn dart	1	9
9	Brown, Luke	Venti Vini Vici	C6-3	good flight	1	9
10	Brown, Luke	Nebulon Warrior	C6-5	good flight	1	9
11	Brown, Luke	X-16	B6-4	tangled chute	1	5
12	Brown, Luke	Stealth	C6-5	separation	1	9
13	Brown, Thomas	Purple Blast	B6-4	good flight	1	5
14	Carpenter, Todd	Steam Comet	D12-5	good flight	1	17
15	Carpenter, Todd	UFF Odysseus	A3-4t	good flight	1	2.5
16	Carpenter, Todd	BOINK	B6-4	good flight	1	5
17	Carpenter, Todd	FlisKit Crayon	MicroMaxx	good flight	1	0.22
18	Carpenter, Todd	Saucer	MicroMaxx	good flight	1	0.22
19	Estenson, Alan	Tangent	B4-4	good flight	1	5
20	Estenson, Alan	Fat Boy	C6-3	late eject	1	9
21	Estenson, Alan	SpaceX Falcon 9	C6-5	late eject	1	9
22	Estenson, Alan	Maniac III	E12-8	no chute, core sample	1	27.2
23	Estenson, Alan	Baby Bertha	C6-5	good flight	1	9
24	Estenson, Alan	Groove Tube 180	E9-6	good flight	1	28.5
25	Estenson, Alan	Groove Tube 108	B6-4	good flight	1	5
26	Estenson, Alan	SpaceX Falcon 9	C6-3	good flight	1	9
27	Farrell, Michael	Vagabond	D12-5	good flight	1	17
28	Farrell, Michael	Sky Duster	A10-3t	good flight	1	2.5
29	Farrell, Michael	Viking	A8-3	good flight	1	2.5
30	Farrell, Michael	Yankee	A8-3	good flight	1	2.5
31	Farrell, Michael	Alpha III	B6-4	good flight	1	5
32	Farrell, Michael	Metalizer	C6-3	good flight	1	9
33	Farrell, Michael	Rascal	B6-4	good flight	1	5
34	Farrell, Michael	Micron	A8-3	good flight	1	2.5
35	Farrell, Michael	Der Red Max	C6-5	good flight	1	9
36	Farrell, Michael	Hawk	C6-0	good flight	1	9
37	Farrell, Michael	Fletcher	C6-5	good flight	1	9
38	Farrell, Michael	Flechette	B6-4	good flight	1	5
39	Farrell, Michael	Executioner	E9-6	good flight	1	28.5

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40	Farrell, Michael	Executioner	E12-6	good flight	1	27.2
41	Farrell, Michael	Lil' Grunt	E12-6	good flight	1	27.2
42	Farrell, Michael	Astron Elliptic II	A10-0t; 1/2A3-4t	no eject, lawn dart	2	3.75
43	Flansburg, Jace	NASA	B6-4	good flight	1	5
44	Flansburg, Jace	Cub Scouts	B6-4	no eject, lawn dart	1	5
45	Flansburg, Jace	Boy Scout Rocket	A8-3		1	2.5
46	Flansburg, Jace	Planet Probe	B6-4		1	5
47	Flansburg, Jace	Purple FITI	C6-3		1	9
48	Higgins, Neal	Texas Firefly	C6-0; C6-7	no eject?	2	18
49	Higgins, Neal	Baby Bertha	C6-5	good flight	1	9
50	Higgins, Neal	Kraken	D12-7	good flight	1	17
51	Higgins, Neal	Stonebreaker	D12-5	good flight	1	17
52	Higgins, Neal	Six Pack	D12-7	good flight	1	17
53	Higgins, Neal	Frick n Frack	C6-0; C6-5	good flight	2	18
54	Higgins, Neal	Trifecta	A10-0t; A10-0t; A10-0t	good flight	3	7.5
55	Higgins, Neal	Moonraker	D12-7	good flight	1	17
56	Lenz, Stuart	Purple Crayon	C6-5	good flight	1	9
57	Lenz, Stuart	MASA Patriot	B6-4	good flight	1	5
58	Lenz, Stuart	Dragonship 8	(2) C6-5	good flight	2	18
59	Lenz, Stuart	Pokemon 1	E12-4	good flight	1	27.2
60	Lenz, Stuart	Cone	A10-Pt	good flight	1	2.5
61	Lenz, Stuart	Silver Comet	E12-4	no chute	1	27.2
62	Lenz, Stuart	Big Bertha	(3) A8-5	lit only one engine? Very low flight	1	2.5
63	Lenz, Stuart	Vindicator	C6-5	good flight	1	9
64	Lenz, Stuart	Space Plane	C6-5	good flight	1	9
65	Lenz, Stuart	Patrol Cruiser Excalibur	C6-5	good flight	1	9
66	Lenz, Stuart	Nebula	C6-5	good flight	1	9
67	Lenz, Stuart	Negand	(2) C6-5	good flight	2	18
68	Lenz, Stuart	Bullpup	B4-2	no eject	1	5
69	Lenz, Stuart	Stuart's Wierdest Rocket	C6-5	good flight	1	9
70	Lenz, Stuart	Baby Bertha	C6-5	good flight	1	9
71	Lenz, Stuart	Pheord X150	A8-3	good flight	1	2.5
72	McDermott, Buzz	SLS Aero Dart	D10-5	good flight	1	18.3
73	McDermott, Buzz	E-Z Glider	B4-2		1	5
74	McDermott, Buzz	[unreadable]	C6-3	good flight	1	9
75	Phan, Nhan	Redliner	A8-3	1st flight, good	1	2.5
76	Phan, Nhan	Redliner	B6-4	good flight	1	5
77	Ross, Chuck	Venti Vini Vici	C6-3	good flight	1	9
78	Ross, Chuck	Helicat	C6-5	good flight	1	9

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79	Ross, Chuck	Skytrax	C6-5	good flight	1	9
80	Ross, Chuck	Skytrax	C6-5		1	9
81	Ross, Chuck	Venti Vini Vici	C6-3	good flight	1	9
82	Ross, Chuck	Hijinks	B6-4	good flight	1	5
83	Ross, Chuck	Patriarch	B6-4	good flight	1	5
84	Ross, Chuck	Purple Wing	B6-4	good flight	1	5
85	Ross, Ian	Big Bertha	C6-3	good flight	1	9
86	Ross, Ian	Evil One	B6-4	good flight	1	5
87	Sheriff, Aaron	V2	E12-6	good flight	1	27.2
88	Sheriff, Aaron	Xarconian Cruiser	C6-3	good flight	1	9
89	Sheriff, Samir	Seeker	B6-4	1st flight, good	1	5
90	Sheriff, Samir	Mad Scientist	B6-4	1st flight, good	1	5
91	Sheriff, Samir	Pheord X150	C6-0	good flight	1	9
92	Sheriff, Samir	Bandit 3	A3-4t	first flight	1	2.5
93	Taylor, Jeff	Satellite Interceptor	B6-4	good flight	1	5
94	Taylor, Jeff	Zenit	1/2A3-2t	good flight	1	1.25
95	Taylor, Jeff	Big Bertha	C6-5	good flight	1	9
96	Taylor, Jeff	Centenial	A8-3	good flight	1	2.5
97	Taylor, Jeff	Sonic Shark	C6-5		1	9
98	Taylor, Jeff	Venti Vini Vici	C6-3	good flight	1	9
99	Taylor, Jeff	Moon Dog	A10-3t	good flight	1	2.5
100	Van Oosbree, Kees	Shuttle Express	B6-4	good flight	1	5
101	Van Oosbree, Mark	Shuttle Express	B6-4	good flight	1	5
102	Vyas, Anand	Zenith Payloader	B6-0; B6-6	good flight	2	10
103	Whitaker, David	Night Hawk	1/2A3-2t	1st flight, good	1	1.25
104	Whitaker, David	Sidewinder	C6-3	good flight	1	9
105	Whitaker, David	Bullpup	B6-4		1	5
106	Whitaker, David	Witch Hazel Goonybird	C6-3	no chute	1	9
107	Whitaker, David	Fat Boy	C6-3	no chute	1	9
108	Whitaker, David	Fat Boy	C6-3	good flight	1	9
109	Whitaker, David	RRR Starliner	B6-4	no chute	1	5
110	Whitaker, David	RRR Starliner	B6-4	good flight	1	5
111	Whitaker, David	Cherokee-D	D12-7	good flight	1	17
<b>Total Flights: 111</b>					<b>119</b>	<b>979.19</b>
<b>Total Motors: 119</b>						
<b>Total Impulse (N-s): 979.19</b>						
<b>Average Impulse (N-s): 8.2</b>						

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Motor Stats		
Size	Number Used	Percentage of Total
MM	2	2%
1/4A	0	0%
1/2A	2	2%
A	22	18%
B	32	27%
C	45	38%
D	8	7%
E	8	7%
F	0	0%
G	0	0%
H	0	0%
I	0	0%
J	0	0%

