

MASA Launch, Elk River VFW, March 23, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Estenson, Alan	Meteor	B6-4	good flight	1	5
2	Estenson, Alan	MASA SPEV Saucer	C6-0	good flight	1	9
3	Estenson, Alan	Skydive	C6-5	lost the nose cone	1	9
4	Estenson, Alan	Totally Tubular	A8-3	good flight	1	2.5
5	Estenson, Alan	Python	D12-5	good flight	1	17
6	Estenson, Alan	Nike Arrow	A10-3t	good flight	1	2.5
7	Estenson, Alan	Snowflake	C6-0	good flight	1	9
8	Farrell, Michael	Mean Machine	E12-6		1	27.2
9	Farrell, Michael	Viking	A8-5	good flight	1	2.5
10	Farrell, Michael	Metalizer	C6-3	cold chute	1	9
11	Farrell, Michael	Der Red Max	C6-5	good flight	1	9
12	Farrell, Michael	Fletcher	C6-5	good flight	1	9
13	Farrell, Michael	Rascal	C6-5	good flight	1	9
14	Farrell, Michael	Hawk	A6-4	good flight	1	2.5
15	Farrell, Michael	Planet Probe	D21-4	CATO	1	0
16	Farrell, Michael	Cinco	A10-0t	good flight	1	2.5
17	Farrell, Michael	Astron Elliptic II	A10-0t; 1/4A3-4t	no eject	2	3.125
18	Farrell, Michael	Executioner	E9-6	good flight	1	28.5
19	Farrell, Michael	Lil' Grunt	E9-6	good flight	1	28.5
20	Farrell, Michael	Yankee	A8-5	good flight	1	2.5
21	HCA TARC Team	The Magic Marker	(3) D12-5	good flight	3	51
22	HCA TARC Team	The Magic Marker	(3) D12-5	good flight	3	51
23	HCA TARC Team	The Magic Marker	(3) D12-5	good flight	3	51
24	Higgins, Neal	Texas Firefly	C6-0; C6-7	good flight	2	18
25	Higgins, Neal	Tau Zero	B6-6		1	5
26	Higgins, Neal	Mini John	B6-6	unstable	1	5
27	Higgins, Neal	Lil' Big Nuke	B6-6	good flight	1	5
28	Higgins, Neal	Mini Max	A3-4t	good flight	1	2.5
29	Higgins, Neal	Solar Flare	C6-0; C6-7	no chute	2	18
30	Higgins, Neal	Jayhawk	E20-4	good flight	1	35
31	Higgins, Neal	Drake	D12-7	good flight	1	17
32	Higgins, Neal	Stonebreaker	D12-7	late eject	1	17
33	Higgins, Neal	Starburst	D12-7	good flight	1	17
34	Higgins, Neal	Spitfire	D12-5	drag race with Jeff	1	17
35	Higgins, Neal	Landviper	(3) C6-7	good flight	3	27
36	Higgins, Neal	Kraken	D12-5	good flight	1	17
37	Isom, Amelie	Zinger	A3-4t	good flight	1	2.5
38	Isom, Amelie	Eggscaliber with egg	D12-3	good flight	1	17
39	Isom, Amelie	Viking	1/2A6-2	good flight	1	1.25

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40	Isom, Amelie	Viking	1/2A6-2	good flight	1	1.25
41	Isom, Davis	Queezhee	B6-4	good flight	1	5
42	Isom, Davis	Probe	C6-0	good flight	1	9
43	Isom, Davis	Crayon	B6-4	first flight, cold chute	1	5
44	Isom, Davis	Blue Ninja	C11-3	good flight	1	9
45	Isom, Davis	Launch	A8-3	1st flight, good	1	2.5
46	Isom, Jon	Big Daddy	D12-5	good flight	1	17
47	Isom, Jon	D-Region Tomahawk	D12-5	1st flight, good	1	17
48	Isom, Jon	Zero Gravity	A6-4	cold chute	1	2.5
49	Isom, Jon	Baby Bertha	B6-4	good flight	1	5
50	Isom, Jon	Superbird	C6-3	good flight	1	9
51	Overby, Glen	Ohm Eater	D12-5	good flight	1	17
52	Overby, Glen	Divide by Zero	D12-5	good flight	1	17
53	Sheriff, Aaron	Xarconian Cruiser	C6-3	good flight	1	9
54	Sheriff, Aaron	Liberty	D12-5	good flight	1	17
55	Sheriff, Aaron	Minataur	E20-4	good flight	1	35
56	Sheriff, Aaron	V2	E9-6	good flight	1	28.5
57	Sheriff, Samir	Heatseeker	B6-4	1st flight, good	1	5
58	Sheriff, Samir	Pford F-150	C6-0	good flight	1	9
59	Sheriff, Samir	X-Ray	A3-4t	good flight	1	2.5
60	Sheriff, Samir	Crayon	MMX	separation	1	0.22
61	Sheriff, Samir	Shuttle Xpress	B6-2	good flight	1	5
62	Taylor, Jeff	Sonic Shark	A8-3	good flight	1	2.5
63	Taylor, Jeff	Fat Boy	C6-3	good flight	1	9
64	Taylor, Jeff	Mini Marz Lander	A10-3t	good flight	1	2.5
65	Taylor, Jeff	Centennial	A8-3	good flight	1	2.5
66	Taylor, Jeff	Plaid Brad	C6-3	good flight	1	9
67	Taylor, Jeff	ACME Spitfire	D12-5	drag race with Neal	1	17
Total Flights: 67					78	831.545
Total Motors: 78						
Total Impulse (N-s): 831.545						
Average Impulse (N-s): 10.7						

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Motor Stats		
Size	Number Used	Percentage of Total
MM	1	1%
1/4A	1	1%
1/2A	2	3%
A	15	19%
B	9	12%
C	21	27%
D	23	29%
E	6	8%
F	0	0%
G	0	0%
H	0	0%
I	0	0%
J	0	0%

