

MASA Summer Solstice Evening Launch, Elk River VFW, June 21, 2012					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Estenson, Alan	Cone	A10-Pt	good flight	1	2.5
2	Estenson, Alan	EZC6-5	C6-5	good flight	1	9
3	Estenson, Alan	Fat Boy	B6-2	low and slow!	1	5
4	Estenson, Alan	Goony Goblin	B4-4	wadded chute	1	5
5	Estenson, Alan	Goonybird Zero	B6-4	good flight	1	5
6	Estenson, Alan	Meteor	B6-4	good flight	1	5
7	Estenson, Alan	Minne-Skeeter	B6-4	good flight	1	5
8	Estenson, Alan	Nike-X	A8-0; B6-4	CHAD staged!	2	7.5
9	Estenson, Alan	Polarized	C11-7	good flight	1	9
10	Estenson, Alan	Qubit	A10-Pt	good flight	1	2.5
11	Estenson, Alan	Scimitar	A10-Pt	good flight	1	2.5
12	Estenson, Alan	Solar Goon	B6-4	good flight	1	5
13	Estenson, Alan	Viking 1	B6-2	good flight	1	5
14	Estenson, Alan	Warrior 56	C6-5	good flight	1	9
15	Farrell, Michael	Der Red Max	B6-4		1	5
16	Farrell, Michael	Mean Machine	D21-4	first flight	1	20
17	Farrell, Michael	Nova Payloader	B6-4	1st flight, with onboard lights	1	5
18	Flansburg, Jace	Amazon	B6-4		1	5
19	Flansburg, Jace	Future Launch Vehicle	C6-5	good flight	1	9
20	Flansburg, Jace	Purple Tube	C6-5	good flight	1	9
21	Flansburg, Jace	Shuttle Express	C6-5	good flight	1	9
22	Flansburg, Jace	Wizard	B6-4		1	5
23	Flansburg, Jeff	Mega Skeeter	E9-6	drag race with Neal H	1	28.5
24	Flansburg, Jeff	Mega Skeeter	E9-6	good flight	1	28.5
25	Flansburg, Jen	High Flying Valentine	D12-5	good flight	1	17
26	Gibbens, Art	1973 Mercury Redstone	B6-4	good flight	1	5
27	Gibbens, Art	Alpha III	A8-3	good flight	1	2.5
28	Gibbens, Art	BOINK	C6-5	good flight	1	9
29	Gibbens, Art	Bugsy	A10-3t	good flight	1	2.5
30	Gibbens, Art	Cosmic Cobra	E9-6	lost it!	1	28.5
31	Gibbens, Art	Exoskell	C6-3	first flight	1	9
32	Gibbens, Art	Hannah's R, W + B	A8-3	good flight	1	2.5
33	Gibbens, Art	Liberty	A8-3	good flight	1	2.5
34	Gibbens, Art	Rascal	B6-4	good flight	1	5
35	Gibbens, Art	Rascal	C6-5	good flight	1	9
36	Gibbens, Art	Satellite Launcher	C11-5	good flight	1	9
37	Gibbens, Art	Satellite Launcher	D12-7	good flight	1	17
38	Gibbens, Art	Snitch	C6-5	briefly stuck on rod	1	9
39	Gibbens, Art	Spin Control	C6-5	first flight	1	9

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40	Gibbens, Art	Yankee	A8-5	good flight	1	2.5
41	Higgins, Neal	Check Six	C11-5	good flight	1	9
42	Higgins, Neal	Imhotep	F27-4	good flight	1	49.6
43	Higgins, Neal	Kraken	D12-5	long walk	1	17
44	Higgins, Neal	Landviper RT	(3) B6-6	lit 2	2	10
45	Higgins, Neal	Nike ²	B6-6	good flight	1	5
46	Higgins, Neal	Paper Pinwheel	A3-4t	good flight	1	2.5
47	Higgins, Neal	Pheord X150	C6-0	good flight	1	9
48	Higgins, Neal	Skeeter	E9-4	good flight	1	28.5
49	Higgins, Neal	Skeeter	E9-6	drag race with Jeff F	1	28.5
50	Higgins, Neal	Solar Venture	C11-5	no ejection, lawn dart	1	9
51	Higgins, Neal	Stonebreaker	D12-7		1	17
52	Higgins, Neal	Tau Zero	A8-3	good flight	1	2.5
53	Ross, Chuck	Evil One	C6-3		1	9
54	Ross, Chuck	Javelin	A8-3		1	2.5
55	Ross, Chuck	Javelin Mod	A8-3	separation	1	2.5
56	Ross, Chuck	OSO	C6-3	good flight	1	9
57	Ross, Chuck	Patriarch	C6-3		1	9
58	Ross, Ian	Astrocarn	C6-3	separation	1	9
59	Ross, Ian	Big Bertha	A8-3	just barely...	1	2.5
60	Ross, Ian	Big Bertha	C6-3	good flight	1	9
61	Ross, Ian	Javelin	A8-3	good flight	1	2.5
62	Ross, Ian	Pinky	A8-3		1	2.5
63	Ross, Ian	Totally Tubular	A8-3	unstable	1	2.5
64	Schabert, Caleb	Alpha Tie Dye	A8-3	FITI, good flight	1	2.5
65	Schabert, David	Blue Rocket Fire	B6-4	FITI, good flight	1	5
66	Sheriff, Aaron	Executioner	E9-4		1	28.5
67	Sheriff, Aaron	Tartar	B6-4		1	5
68	Sheriff, Samir	Shuttle Express	B6-4		1	5
69	Shmel, Dwayne	Applewhite Pyramid	D24-4		1	20
70	Shmel, Dwayne	Big Daddy	E9-4	perfect!	1	28.5
71	Shmel, Dwayne	Death Star	D13-4	"That's no moon. It's a space station."	1	20
72	Shmel, Dwayne	Neway C-Thru	C11-3	first flight	1	9
73	Shmel, Dwayne	Rock-it	D12-5		1	17
74	Shmel, Dwayne	Saki	B6-4	good flight	1	5
75	Sullivan, Ruth	Cherokee-D	C6-5	good flight	1	9
76	Sullivan, Ruth	Jayhawk	C6-5	good flight	1	9
77	Taylor, Jeff	Fat Boy	C6-3	rod locked	1	9
78	Taylor, Jeff	Flamin' Fat Boy	C6-3		1	9

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79	Taylor, Jeff	Honest Goon	C6-3		1	9
80	Taylor, Jeff	Mark II	B6-4		1	5
81	Taylor, Jeff	Moon Dog	A10-3t		1	2.5
Total Flights: 81					83	785.6

Total Motors: 83
Total Impulse (N-s): 785.6
Average Impulse (N-s): 9.5

Motor Stats		
Size	Number Used	Percentage of Total
MM	0	0%
1/4A	0	0%
1/2A	0	0%
A	19	23%
B	22	27%
C	26	31%
D	8	10%
E	7	8%
F	1	1%
G	0	0%
H	0	0%
I	0	0%
J	0	0%

