

MASA picnic launch, Elk River VFW, July 18, 2009					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Barr, Tim	Pyramid	B6-2	good flight	1	5
2	Boe, Caleb	FAI Glider	A3-4t	good flight	1	2.5
3	Boe, Caleb	Saturn V	C6-3	"plugged nozzle"? - unstable?	1	9
4	Boe, Daniel	Cobra	B6-4	good flight	1	5
5	Boe, Daniel	Fiesta	A8-5	good flight	1	2.5
6	Boe, Joshua	Dorito	B6-4	good flight	1	5
7	Cochran, Ted	Saturn V	MicroMaxx II	good flight	1	0.3
8	Cochran, Ted	Flying Saucer	MicroMaxx I	6' apogee	1	0.2
9	Cochran, Ted	Big Daddy	D12-3	lawn dart	1	17
10	Estenson, Alan	Area 51 SPEV Saucer	C6-0	good flight	1	9
11	Gensler, David	Outlander	B4-2	late eject, "needs more power, captain"	1	5
12	Gensler, David	Big Daddy	D12-3	good flight	1	17
13	Gensler, David	Taurus	B6-4	good flight	1	5
14	Gibbens, Art	BOINK	C6-5	good flight	1	9
15	Gibbens, Art	Sattillite Launcher	C11-5	good flight	1	9
16	Gibbens, Art	Saturn V	D12-0; D12-3	nice staging, no chutes - crunch!	2	34
17	Gibbens, Art	Toblerone	B6-4	"mmm chocolate"	1	5
18	Gibbens, Art	Cosmic Cobra	D12-7	good flight	1	17
19	Heren, Andy	Mark X	A8-3	good flight	1	2.5
20	Heren, Andy	Invader	A10-3t	good flight	1	2.5
21	Heren, Andy	Big Bertha	B6-4	good flight	1	5
22	Heren, Andy	Fat Boy	C6-3	good flight	1	9
23	Heren, Andy	Satellite Drone	B4-4	good flight	1	5
24	Heren, Andy	Centurion	C6-5	CATO	1	9
25	Heren, Andy	Patriot	C6-5	good flight	1	9
26	Higgins, Neal	Mr. Spudnik	E9-4	good flight	1	28.5
27	Hoyme, Alissa	Gemini DC	B4-4	good flight	1	5
28	Hoyme, Alissa	Exo-skill	C6-3	good flight	1	9
29	Hoyme, Alissa	Mean Machine	D12-5	good flight	1	17
30	Hoyme, Ken	Birdie	A8-3	unstable	1	2.5
31	Hoyme, Ken	SPEV	B6-4	good flight	1	5
32	Hoyme, Ken	Goblin	D12-5	good flight	1	17
33	Jarosch, Ken	Interceptor	C11-3	good flight	1	9
34	Jarosch, Ken	Firehawk	C11-3	good flight	1	9
35	Jarosch, Ken	Katy-Sha-Slim	C11-3	good flight	1	9
36	Jarosch, Ken	Solar Warrior	C11-3	good flight	1	9
37	Jarosch, Ken	D-Region Tomahawk	C11-3	good flight	1	9
38	Jarosch, Ken	Tornado - F2	D12-5	good flight	1	17
39	Jarosch, Ken	Der Goony Max	B6-4	good flight	1	5
40	Merdan, Lyle	Zooch Lifting Body Shuttle	B6-4	first flight	1	5
41	Murphy, Lance	US Army Patriot	B6-4	good flight	1	5

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#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
42	Shmel, Dwayne	Stormcaster	D12-5	good flight	1	17
43	Shmel, Dwayne	18mm Pyramid	C6-3	good flight	1	9
44	Shmel, Dwayne	Redliner	A8-3	good flight	1	2.5
45	Shmel, Dwayne	Rock-It	D12-5	good flight	1	17
46	Shmel, Dwayne	Death Star	D13	good flight	1	20
47	Shmel, Dwayne	Der Red Max 1.6X	E18-4	good flight	1	39
48	TARC SRHM	Horten	E15-7	weathercocked	1	40
49	TARC SRHM	Horten	E30-4	CATO	1	40
50	TARC SRHM	Horten	E30-4	good flight	1	40
51	Taylor, Alyssa	Big Bertha	B6-4	good flight	1	5
52	Taylor, Alyssa	Fat Boy	C6-3	good flight	1	9
53	Taylor, Jeffrey Paul	Force 5	B6-4	good flight	1	5
54	Taylor, Jeffrey Paul	Fat Boy	C6-3	good flight	1	9
55	Taylor, Jeffrey Paul	Spin Fin	B6-4	good flight	1	5
56	Taylor, Jeffrey Paul	Mark II	A8-3	good flight	1	2.5
57	Whitaker, David	Super Sprite	E9-4	good flight	1	28.5
58	Whitaker, David	Praetor	C6-5	good flight	1	9
59	Whitaker, David	Centurion	C6-5	good flight	1	9
60	Whitaker, David	Hawk	1/2A3-2t	good flight	1	1.25
61	Whitaker, David	Hawk	1/2A3-2t	good flight	1	1.25
Total Flights: 61					62	668.5
Total Motors: 62						
Total Impulse (N-s): 668.5						
Average Impulse (N-s): 10.8						

Motor Distribution	
MM	2
1/4 A	0
1/2 A	2
A	7
B	16
C	18
D	11
E	6
F	0
G	0
H	0
I	0
J	0

