

MASA Launch, Nowthen, June 29, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Cub Scout Pack 95, Nowthen						
1	Cleath, Akira	Amazon	C6	good flight	1	9
2	Cleath, Akira	NASA	A8-3	good flight	1	2.5
3	Cleath, Akira	NASA	A8-3	drag race	1	2.5
4	Cleath, Akira	NASA	C6-5	good flight	1	9
5	Cleath, Akira	Mosquito	1/4A3-3t	recovered it!	1	0.63
6	Cleath, Akira	Amazon	C6-5	good flight	1	9
7	Davis, Iain	Loadstar	B4-4	good flight	1	5
8	Davis, Iain	Rain	A8-3	drag race	1	2.5
9	Davis, Tony	Mean Machine	E9-4	good flight	1	28.5
10	Davis, Tony	Mega Mosquito	E9-4	good flight	1	28.5
11	Davis, Tony	Rainbow Tercel	1/2A3-2t	not enough boost, lawn dart	1	1.25
12	Davis, Tony	Mini Fat Boy	A10-3t	lawn dart	1	2.5
13	Davis, Zander	Purple Crayon	C6-5	good flight	1	9
14	Davis, Zander	Tiger	A8-3	drag race	1	2.5
15	Davis, Zander	Startrax	B4-4	good flight	1	5
Cub Scout Pack 634, Roseville						
16	Anderson, Max	The Flame	C6-5	good flight	1	9
17	Anderson, Max	M Space Bomb	C6-5	good flight	1	9
18	Anderson, Max	The Swish	A8-3	good flight	1	2.5
19	Anderson, Max	M Space Fighter	A8-3	good flight	1	2.5
20	Bailey, Christopher	Fast Jet	C6-3	good flight	1	9
21	Bailey, Christopher	Fast Jet	A8-3	good flight	1	2.5
22	Brown, Aaron	The Jet	C6-5	good flight	1	9
23	Brown, Aaron	The Jet	B6-4	good flight	1	5
24	Entner, Drayden	Super	C6-7	good flight	1	9
25	Entner, Drayden	Alpha	A8-3	good flight	1	2.5
26	Entner, Drayden	[unreadable]	B6-4	good flight	1	5
27	Heiple, Joey	J Flame	C6-7	good flight	1	9
28	Heiple, Joey	J Flame	A8-3	good flight	1	2.5
29	Heiple, Joey	J Flame	B6-4	good flight	1	5
30	Beckius, Victor	Ionizer	B6-4	good flight	1	5
31	Beckius, Victor	Ionizer	C6-5	good flight	1	9
32	Beckius, Victor	Magician	D12-5	Lego spaceman!	1	17
33	Beckius, Victor	Lego Flyer	C6-5	good flight	1	9
34	Beckius, Victor	Magician	D12-5	good flight	1	17
35	Beckius, Victor	Big Bertha	C6-3	good flight	1	9
36	Beckius, Victor	Tennis Racket	A10-3t	first flight	1	2.5
37	Daigle, Nick	Metalizer	B6-4	good flight	1	5

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38	Daigle, Ric	Big Daddy	D12-3	lawn dart	1	17
39	Daigle, Richard	Centurion	B6-4	good flight	1	5
40	Erpelding, Ethan	Mini Mars Lander	A10-3t	good flight	1	2.5
41	Erpelding, Mike	Mini Mars Lander	A10-3t	good flight	1	2.5
42	Erpelding, Mike	Explorer	G60-14	good flight	1	134.2
43	Erpelding, Mike	Deuces Wild	(2) B6-4	good flight	2	10
44	Flynn, Sean	Leviathan	H128	Successful L1 cert flight! Congrats!	1	172.9
45	Grover, Allan	Dark Star (3 inch)	J1299	dual deploy, excellent flight	1	845
46	Grover, Blake	Totally Tubes	A8-3	good flight	1	2.5
47	Grover, Blake	Blue Navy	A8-3	good flight	1	2.5
48	Grover, Blake	Guardian	C6-5	good flight	1	9
49	Grover, Blake	Skywriter	C6-5	good flight	1	9
50	Grover, Blake	Skywriter	A8-3	good flight	1	2.5
51	Grover, Blake	Green Helly	C6-5	good flight	1	9
52	Grover, Blake	Red Flare	D12-5	good flight	1	17
53	Grover, Blake	Totally Tubes	A8-3	good flight	1	2.5
54	Grover, Blake	Sprite	A10-3t	good flight	1	2.5
55	Grover, Blake	NASA	A8-3	good flight	1	2.5
56	Grover, Blake	Red Hare	D12-5	good flight	1	17
57	Grover, Blake	Guardian	C6-5	good flight	1	9
58	Higgins, Neal	Barney	I245-10	good flight	1	334.1
59	Higgins, Neal	Patriotic Nipple of Doom	C6-5	late eject	1	9
60	Higgins, Neal	Micro Red Max	Micro Maxx	needs longer delay	1	0.22
61	Higgins, Neal	Cassie	Micro Maxx	good flight	1	0.22
62	Higgins, Neal	Dartagnon	F20-4	good flight	1	64
63	Hoyme, Ken	Centurion	B6-4	good flight	1	5
64	Hoyme, Ken	Mini Bertha	B6-4	good flight	1	5
65	Hoyme, Ken	Qubit	A10-Pt	good flight	1	2.5
66	Hoyme, Ken	Striker	F20-7		1	65
67	Inboden, William	Magician (Packers)	D12-5	good flight	1	17
68	Inboden, William	Magician (Vikings)	D12-5	good flight	1	17
69	Inboden, William	Patriot	B4-4		1	5
70	Inboden, William	Super Alpha	B6-4	good flight	1	5
71	Isom, Davis	Multicolor	B6-4	good flight	1	5
72	Isom, Davis	Generic	B6-4	good flight	1	5
73	Isom, Jon	Astron Sprint	C11-3	good flight	1	9
74	Isom, Jon	LOC IV	H125-9	Successful L1 cert flight! Congrats!	1	265.6
75	Jones, Jennifer Lynne	Cobalt	C6-7	FITI	1	9
76	Jones, Jennifer Lynne	Cobalt	B4-4	FITI	1	5

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77	Overby, Glen	4FNC	E9-6	good flight	1	28.5
78	Overby, Glen	Ate	F52-5	good flight	1	78
79	Overby, Glen	4FNC Blue	H165-M	GPS (APRS)	1	165
80	Whitaker, David	Python	C6-3	good flight	1	9
81	Whitaker, David	4" PE Patriot	H410-7	good flight	1	268
82	Whitaker, David	Phoenix	D12-3	good flight	1	17
83	Whitaker, David	Matra	C11-3	good flight	1	9
84	Whitaker, David	Helio-Copter	C6-3	good flight	1	9
Total Flights: 84					85	2957.62
Total Motors: 85						
Total Impulse (N-s): 2957.62						
Average Impulse (N-s): 34.8						

Motor Stats		
Size	Number Used	Percentage of Total
MM	2	2%
1/4A	1	1%
1/2A	1	1%
A	20	24%
B	17	20%
C	23	27%
D	8	9%
E	3	4%
F	3	4%
G	1	1%
H	4	5%
I	1	1%
J	1	1%

