

MASA Launch, Nowthen, August 31, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Bartels, Ross	Sumo	G77-4	good flight	1	102.9
2	Bartels, Ross	Blue Lightning	E20-7	good flight	1	35
3	Bartels, Ross	Mega Red Max	H250	good flight	1	219.5
4	Bartels, Ross	Tethys	J350	good flight	1	697.4
5	Bartels, Ross	Nike Smoke	G78	good flight	1	109.9
6	Bartels, Ross	Cheetah	G79-7	good flight	1	108
7	Bartels, Wesley	Silver Arrow	C6-7	separation	1	9
8	Bartels, Wesley	Athena	B6-4		1	5
9	Beckius, Brian	Formula 54	F27-4	1st flight, good	1	49.6
10	Beckius, Brian	Vagabond	E9-6	good flight	1	28.5
11	Beckius, Brian	Formula 54	G40-7	good flight	1	97.1
12	Beckius, Ellen	Hi-Flyer	A8-3	good flight	1	2.5
13	Beckius, Victor	Vagabond	D12-5	good flight	1	17
14	Beckius, Victor	Athena	C6-5	separation	1	9
15	Beckius, Victor	[unknown]	A10-0t	good flight	1	2.5
16	Burgi, Ethan	Ethan 1	1/2A3-4t	FIT1, good flight	1	1.25
17	Burgi, Ethan	Ethan 1	A3-4t	FIT1, good flight	1	2.5
18	Burgi, Ethan	Ethan 1	1/2A3-4t	FIT1, good flight	1	1.25
19	Burgi, Ethan	Ethan 1	1/2A3-4t	FIT1, good flight	1	1.25
20	Burgi, Ethan	Ethan 1	1/2A3-4t	FIT1, good flight	1	1.25
21	Carlson, Andrew	Alpha III	B6-4	4th flight	1	5
22	Daigle, Nick	Comanche-3	D12-0; C6-0; C6-7	good flight	3	35
23	Daigle, Rick	Semroc Centurion	C6-5	good flight	1	9
24	Daigle, Rick	Semroc Cherokee-D	C6-5	good flight	1	9
25	Daigle, Rick	Quad Runner	(4) B6-4	lit 3?	3	15
26	Daigle, Rick	Twister	B6-4		1	5
27	Daigle, Rick	Executioner	E9-6	tangled chute	1	28.5
28	Daigle, Rick	Executioner	E9-6	[unreadable LCO comment]	1	28.5
29	Davis, Iain	Bandit 1	A3-4t	good flight	1	2.5
30	Davis, Iain	Loadstar	B6-4	[unreadable LCO comment]	1	5
31	Davis, Iain	Sizzler	B6-4	good flight	1	5
32	Davis, Iain	Helicat	B6-2	wadded chute	1	5
33	Davis, Tony	Screaming Eagle	B4-4	1st flight, good	1	5
34	Davis, Tony	Mean Machine	D12-5	good flight	1	17
35	Davis, Tony	Screaming Eagle	C6-5	good flight	1	9
36	Davis, Tony	Mega Mosquito	E9-4	good flight	1	28.5
37	Davis, Zander	Mega Mosquito	D12-5	good flight	1	17
38	Davis, Zander	Mini Fat Boy	A10-3t		1	2.5
39	Davis, Zander	Solar Flare	B6-0; A10-3t	unstable	2	7.5

MASA Launch, Nowthen, August 31, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
40	Davis, Zander	Purple Planet	C6-5	good flight	1	9
41	Estenson, Alan	Explorer	H123-M	good flight	1	223.6
42	Estenson, Alan	Semroc Golden Scout #0462	1/2A6-2	for Carl	1	1.25
43	Estenson, Alan	Semroc Aerobee Hi	A8-5	good flight	1	2.5
44	Estenson, Alan	Eight	H180-M	good flight	1	217.7
45	Estenson, Alan	Itasca	H238-M	good flight	1	165.5
46	Estenson, Alan	Planet Probe	B6-0	Great UFO Drag Race	1	5
47	Estenson, Alan	Pheord X-150	B6-0	Great UFO Drag Race	1	5
48	Estenson, Alan	MASA SPEV Saucer	C6-0	Great UFO Drag Race	1	9
49	Estenson, Alan	Starburst	(2) E12-4	reluctant chute, came out ~20 ft up, didn't open up	2	54.4
50	Estenson, Alan	Back to Cool	E12-6	crayon rocket	1	27.2
51	Farrell, Michael	Leviathan XL	G54-9	good flight	1	159.1
52	Farrell, Michael	Mean Machine	F30-8	good flight	1	47
53	Farrell, Michael	Richter Recker	(3) E9-6	good flight	3	85.5
54	Farrell, Michael	Phobos	H242-10	good flight	1	231.7
55	Farrell, Michael	Lil' Grunt	E12-6	good flight	1	27.2
56	Farrell, Michael	Semroc Goblin	C11-7	for Carl	1	9
57	Farrell, Michael	Planet Probe	C6-0	Great UFO Drag Race	1	9
58	Farrell, Michael	Semroc Hawk	A8-3	good flight	1	2.5
59	Farrell, Michael	Terraformor	E20-4	good flight	1	35
60	Farrell, Michael	Mega Vortico	C11-0	good flight	1	9
61	Feld, Chris	Callisto	H128-M	radio equipped	1	172.9
62	Flynn, Ryan	Nova Payloader	C6-5	good flight	1	9
63	Flynn, Ryan	Silver Streak	D12-7	good flight	1	17
64	Flynn, Ryan	The Terminator	A8-3	good flight	1	2.5
65	Flynn, Sean	NDRS-SC4	G80-7	good flight	1	136.6
66	Flynn, Sean	Dino-Egg	E28-0	unstable	1	40
67	Flynn, Sean	Big Daddy	E28-7	good flight	1	40
68	Flynn, Ryan & Sean	Funny Pages	C6-5		1	9
69	Frost, Brendan	Alien Invader	C6-3	good flight	1	9
70	Frost, Brendan	Falcon 9	D21-4	separation	1	20
71	Frost, John	USS Enterprise	B6-4	first flight, 1975 kit, underpowered, lawn dart	1	5
72	Frost, Spencer	Falcon 9	C6-5	good flight	1	9
73	Frost, Spencer	Alien Invader	C6-5	good flight	1	9
74	Grover, Allan	Dark Star 3"	J825	AIMS 2.0 & StratoLogger	1	970
75	Grover, Allan	Expediter	H242	good flight	1	231.7
76	Grover, Allan	Dark Star 3"	J350	good flight	1	697.4
77	Grover, Blake	Extreme Heli	C6-5	good flight	1	9
78	Grover, Blake	Red Scrapper	1/2A3-4t	good flight	1	1.25

MASA Launch, Nowthen, August 31, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
79	Grover, Blake	Totally Tube	A8-3	good flight	1	2.5
80	Grover, Blake	[unknown]	1/2A3-4t	good flight	1	1.25
81	Grover, Blake	Totally Tubular	C6-7	good flight	1	9
82	Higgins, Neal	Zeus	I357-10	upscale Solar Flare, 1st flight, good	1	342
83	Higgins, Neal	Comanche Xtreme	E12-0; E12-0; E12-8	"Holy Cow!"	3	81.6
84	Higgins, Neal	Thor	J315	good flight	1	763.3
85	Higgins, Neal	Pheord X-150	C6-0	Great UFO Drag Race	1	9
86	Higgins, Neal	Comanche-3	D12-0; C6-0; C6-7	Comanche-3 drag race	3	35
87	Higgins, Neal	Mini Comanche-3	A10-0t; A10-0t; A10-3t	Comanche-3 drag race	3	7.5
88	Jones, Jeff	Stormcaster	C11-3	1st flight, good	1	9
89	Jones, Jeff	Semroc Golden Scout	A8-3	1st flight, good	1	2.5
90	Jones, Jeff	Barracuda	F20-7	good flight	1	64
91	Jones, Jeff	Mega Mosquito	D12-3	separation	1	17
92	Jones, Jennifer	FlutterBy	A8-3	good flight	1	2.5
93	Jones, Jennifer	Semroc April Dancer	A8-3	"The Golden Torch", underpowered, separation	1	2.5
94	Jones, Jennifer	FlutterBy	A8-3		1	2.5
95	Jones, Jennifer	FlutterBy	A8-3	good flight	1	2.5
96	Jones, Jennifer	Baby Bertha	B6-4	good flight	1	5
97	Jones, Jennifer	Cobalt	A8-3	good flight	1	2.5
98	La Rose, Brian	Hyper Bat	C6-0; C6-5	unstable	2	18
99	La Rose, Brian	Tangerine Dream	E12-8	good flight	1	27.2
100	La Rose, Brian	Tangerine Dream	E12-8		1	27.2
101	La Rose, Darian	Patriot	C6-5	AltimeterTwo, good flight	1	9
102	La Rose, Malcolm	Goldenrod	C6-7	AltimeterTwo, good flight	1	9
103	Merdan, Lyle	Wildman Jr.	G78-6		1	140.9
104	Merdan, Lyle	Birdie	A10-3t	good flight	1	2.5
105	Merdan, Lyle	Big Bertha	C6-3	good flight	1	9
106	Merdan, Lyle	Quest SPEV Saucer	C6-3	Great UFO Drag Race	1	9
107	Merdan, Lyle	Semroc Golden Scout #1121	A8-3	Golden Scout Memorial Flight	1	2.5
108	Nahr, Andy	Quad Runner	(4) C6-5	1st flight, good	4	36
109	Nahr, Andy	Hi-Flyer	C6-3	good flight	1	9
110	Nahr, Andy	QCC Explorer	D12-3	good flight	1	17
111	Nahr, Andy	Comanche-3	D12-0; C6-5	Comanche-3 drag race	2	26
112	Newton, Dale	Ion Pulsar	B4-4	separation	1	5
113	Newton, Holly	Big Bertha	A8-3	underpowered, late eject	1	2.5
114	Newton, Holly	Banshee	B4-4	good flight	1	5
115	Overby, Glen	Nike Smoke	J500	good flight	1	693.4
116	Overby, Glen	Ate'	F52-5	good flight	1	78
117	Overby, Glen	Tuber Jr	D12-5	altimeter payload	1	17

MASA Launch, Nowthen, August 31, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
118	Overby, Glen	Divide By Zero	E28-7	good flight	1	40
119	Ross, Chuck	Semroc Golden Scout	A8-3	for Carl	1	2.5
120	Ross, Chuck	Skytrax	B6-4	good flight	1	5
121	Ross, Ian	Baby Bertha	C6-5	1st flight, good	1	9
122	Rumreich, Henry	Skytrax	C6-5	good flight	1	9
123	Rumreich, Luke	Skywriter	B6-4	good flight	1	5
124	Schwartz, Larry	2 Stage Stretch D Fat Boy	D12-0; D12-7	late eject	2	34
125	Schwartz, Larry	2-Stage AMRAAM	D12-0; C6-7		2	26
126	Schwartz, Larry	Stretch D Fat Boy	D12-5	good flight	1	17
127	Schwartz, Larry	E Bullpup	E9-4	good flight	1	28.5
128	Schwartz, Larry	Shrox somethingorother	D12-5	good flight	1	17
129	Schwartz, Larry	Nike Smoke	C6-5	good flight	1	9
130	Schwartz, Larry	Arreaux	G38-7	good flight	1	94
131	Sullivan, Jon	Comanche-3	C6-5	good flight	1	9
132	Sullivan, Jon	Mean Machine	D12-5	separation	1	17
133	Sullivan, Jon	TBR-2	B4-4	good flight	1	5
134	Sullivan, Jon	Comanche-3	D12-0; C6-0; C6-7	good flight	3	35
135	Sullivan, Jon	Mini Honest John	A10-3t	unstable	1	2.5
136	Sullivan, Jon	Comanche-3	C6-5	good flight	1	9
137	Sullivan, Jon	Comanche-3	C6-0; A8-3	good flight	2	11.5
138	Sullivan, Jon	Semroc Thunderbee	A10-3t	good flight	1	2.5
139	Sullivan, Jon	TBR-2	C6-5	good flight	1	9
140	Sullivan, Jon	TBR-2	B6-4	good flight	1	5
141	Sullivan, Jon	Comanche-3	C6-5	good flight	1	9
142	Taylor, Jeff	Big Fat Boy	I161		1	328.7
143	Taylor, Jeff	Semroc Golden Scout	A8-3	Golden Scout Memorial Flight	1	2.5
144	Vatsaas, Rick	MASA Mascot	E28-7	good flight	1	40
145	Vatsaas, Rick	Das Pickle Haube Raket	D12-5	separation	1	17
146	Vatsaas, Rick	Skowt	D12-5	good flight	1	17
147	Vatsaas, Rick	Ion Pulsar	C6-5	good flight	1	9
148	Vyas, Anand	Semroc Squire	B6-4	for Carl	1	5
149	Vyas, Anand	Rose-a-Roc	A8-3	no rotation	1	2.5
150	Vyas, Anand	Rose-a-Roc	A8-3		1	2.5
151	Vyas, Anand	Rose-a-Roc	B6-4		1	5
152	Vyas, Anand	Rose-a-Roc	C6-7	good flight	1	9
153	Whitaker, David	Nike Smoke	G104-7	good flight	1	81.5
154	Whitaker, David	Semroc Vega	C6-5	for Carl	1	9
155	Whitaker, David	Patriot	H140-8	good flight	1	167.7
156	Whitaker, David	Phoenix	D12-3	good flight	1	17

MASA Launch, Nowthen, August 31, 2013					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
157	Whitaker, David	Cherokee-D	D12-7	good flight	1	17
158	Wirth, Ron	Ariel	H90-7	good flight	1	164.2
159	Wirth, Ron	Explorer	G118-10	1st flight, good	1	159.1
160	Wirth, Ron	Semroc Aero-Dart	E12-6	good flight	1	27.2
161	Wirth, Ron	Semroc Hawk	B4-2	good flight	1	5
162	Wirth, Ron	Semroc Iris	B6-4	good flight	1	5
163	Wirth, Ron	Semroc Centurion	C6-5	tangled chute	1	9
164	Wirth, Ron	Nike Smoke	G88-8	1st flight, good	1	84.3
165	Wirth, Ron	Semroc Golden Scout	A8-5	Golden Scout Memorial Flight	1	2.5
166	Wirth, Ron	Comanche-3	D12-0; C6-0; B6-6	Comanche-3 drag race	3	31
167	Wirth, Ron	Semroc Magnum Sprint	D12-5	good flight	1	17
Total Flights: 167					193	9612.45
Total Motors: 193						
Total Impulse (N-s): 9612.45						
Average Impulse (N-s): 49.8						

Motor Stats		
Size	Number Used	Percentage of Total
MM	0	0%
1/4A	0	0%
1/2A	7	4%
A	30	16%
B	26	13%
C	51	26%
D	24	12%
E	24	12%
F	4	2%
G	11	6%
H	9	5%
I	2	1%
J	5	3%

