

MASA launch, Nowthen, June 25, 2011					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Anderson, Hunter	Big Daddy	D12-5	no chute	1	17
2	Anderson, Hunter	Twister	A8-3		1	2.5
3	Anderson, Hunter	Solar Warrior	A10-3t		1	2.5
4	Anderson, Hunter	White Lightning	B6-4		1	5
5	Anderson, Hunter	Der Red Max	C6-5		1	9
6	Anderson, Hunter	HL-20	C6-3		1	9
7	Anderson, Hunter	Banshee	A8-3		1	2.5
8	Anderson, Kevin	Andromeda	F35-5		1	57.1
9	Anderson, Kevin	Stardust	H123	good flight	1	223.6
10	Anderson, Levi	Taser Twin	C6-5		1	9
11	Anderson, Levi	Patriot	C6-5		1	9
12	Anderson, Levi	Phoenix Bird	B6-4		1	5
13	Barth, Artemis	Meteor	A8-3	good flight	1	2.5
14	Barth, Artemis	Meteor	C6-5	good flight	1	2.5
15	Barth, Drizzt	Big Bertha	B6-2	good flight	1	5
16	Barth, Drizzt	Firecat	B6-4	separation	1	5
17	Barth, Drizzt	Tangent	B4-4	core sample	1	5
18	Bedford, Glenn	Blue Ninja	C11-3		1	9
19	Bedford, Glenn	3FNC LPR	D12-5		1	17
20	Bedford, Glenn	Screamin Mimi	C11-3		1	9
21	Bedford, Glenn	Firefox	D21-7	separation	1	20
22	Bedford, Glenn	Renegade-D	D12-5	good flight	1	17
23	Bedford, Glenn	Deuces Wild	(2) C6-5	rod whip	2	18
24	Bedford, Glenn	Kraken	D12-5		1	17
25	Bedford, Glenn	Space Ark Jr	D13-4		1	20
26	Bedford, Kevin	Splashy Galaxy	B6-4	good flight	1	5
27	Boe, Caleb	AMRAAM	G53-7	good flight	1	90.9
28	Boe, Caleb	Tethys	I195		1	396
29	Borchard, Craig	Mystic Buzz	G64-7		1	120
30	Bowman, Craig	X-Caliber	H123-M	Level 1 cert flight - successful!	1	223.6
31	Bowman, Craig	Patriot	C6-5		1	9
32	Bowman, Craig	Meteor	B6-4		1	5
33	Carlson, John	D-Region Tomahawk	E9-6	late eject, separation	1	28.5
34	Carlson, John	QMR7 Starfighter	B6-4		1	5
35	Carlson, Quinn	Vanguard	B6-4	good flight	1	5
36	Carlson, Quinn	AGM Striker	B6-4		1	5
37	Carpenter, Elliot	Gnat	1/2A3-2t		1	1.25
38	Carpenter, Elliot	Mini Pyramid	C6-3		1	9
39	Carpenter, Elliot	Sidewinder	B6-4	good flight	1	5

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40	Carpenter, Elliot	Sidewinder	C6-5	good flight	1	9
41	Carpenter, Elliot	Stomp Rocket	B6-4		1	5
42	Carpenter, Todd	Flis Saucer Odysseus	A3-4t		1	2.5
43	Carpenter, Todd	Steam Baby	B6-4		1	5
44	Carpenter, Todd	Screamin Mimi	D12-5		1	17
45	Carpenter, Todd	Mercury Redstone	B6-4		1	5
46	Carpenter, Todd	Tethys	H165-M		1	165
47	Dunn, Kevin	Drago the Red	G126-8	camera, Altimeter One	1	116
48	Dunn, Kevin	Talondrome	G131-9		1	125.2
49	Erpelding, Ethan	Speed Freak	B6-2	62.4 mph	1	5
50	Erpelding, Ethan	Cruise Missile	A3-4t		1	2.5
51	Erpelding, Ethan	Patriot	C6-5		1	9
52	Erpelding, Ethan	Falcon	C6-5	kit received when joined NAR	1	9
53	Erpelding, Mike	Stomp Rocket	B6-4	good flight	1	5
54	Erpelding, Mike	Explorer	G79		1	129
55	Estenson, Alan	Back to Cool	E30-7	good flight	1	40
56	Estenson, Alan	Cyclotron	I218-M	good flight	1	330
57	Estenson, Alan	Itasca	H180-M	good flight	1	218
58	Estenson, Alan	PAC-3	F21-6	Patriot!	1	55
59	Estenson, Alan	Viper IV	(4) E9-8	red, white & blue	4	114
60	Heaton, Scott	Tylor's Bandit	A8-3	good flight	1	2.5
61	Heaton, Scott	Aidan's Chrome Dome	A8-3	good flight	1	2.5
62	Heaton, Scott	Andy's Flash	C6-3	good flight	1	9
63	Heaton, Scott	Green Tom	G71-4	CATO	0	0
64	Heaton, Scott	Aidan's X-Fire Blue	A8-3	good flight	1	2.5
65	Heaton, Scott	Aidan's Eliminator	E11-3	good flight	1	31.7
66	Heaton, Scott	Andy's Baby Bertha	C6-3	good flight	1	9
67	Heaton, Scott	Aidan's Deuces Wild	(2) C6-3	good flight	2	18
68	Heaton, Scott	Aidan's Sam-X	B6-0; B6-6	good flight	2	10
69	Heaton, Scott	Big Blue Bird Zero	H97-10	good flight	1	177.3
70	Heaton, Scott	Adrian/Aidan's Baby Bertha	C6-5		1	9
71	Heaton, Scott	Aidan's Wacky Wiggler	C6-3		1	9
72	Heaton, Scott	Super Big Bertha	F12-5		1	45
73	Heaton, Scott	Aidan's Wacky Wiggler	C6-5		1	9
74	Heaton, Scott	Aidan's Patriot	B6-4	good flight	1	5
75	Heaton, Scott	Tylor's Baby Bertha	B6-4		1	5
76	Heaton, Scott	Aidan's Chrome Dome	B6-4	good flight	1	5
77	Heaton, Scott	Andy's Blue X-Flyer	A8-3	tangled chute	1	2.5
78	Heaton, Scott	Andy's Bandit	A8-3	good flight	1	2.5

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79	Heaton, Scott	Aidan's Flash	C6-5	good flight	1	9
80	Higgins, Neal	Der Mini Max	A3-4t	good flight	1	2.5
81	Higgins, Neal	Little Big Nuke	B6-6	unstable	1	5
82	Higgins, Neal	Red, white & blue V2	C11-5	good flight	1	9
83	Higgins, Neal	Angry Bird	D12-5		1	17
84	Hoyme, Alissa	Nantucket Sound	C11-3		1	9
85	Hoyme, Alissa	Tumbleweed	1/2A3-2t		1	1.25
86	Hoyme, Ken	Centurion	B6-4	red, white & blue	1	5
87	Hoyme, Ken	Atomic	A8-3	good flight	1	2.5
88	Hoyme, Ken	SPEV	B6-4	tangled chute	1	5
89	Hoyme, Ken	SLS lil Hustler	E9-6	good flight	1	28.5
90	Hoyme, Ken	Tres	(3) B6-4		3	15
91	Hoyme, Ken	Mean Green	D12-5		1	17
92	Hoyme, Ken	Maxi Alpha III	D12-3		1	17
93	Kramer, Lucas	CiCi	A3-4t	good flight	1	2.5
94	Kramer, Lucas	Code Red	A8-3	good flight	1	2.5
95	Kramer, Lucas	CiCi lite	A3-4t	good flight	1	2.5
96	Kramer, Lucas	CiCi lite	A3-4t	late eject, no glide	1	2.5
97	Lenz, Ellison	Snitch	B6-4	good flight	1	5
98	Lenz, Ellison	[unknown]	B6-4	good flight	1	5
99	Lenz, Ellison	[unknown]	C6-3	good flight	1	9
100	Lenz, Ellison	Ion Robe	B6-4	good flight	1	5
101	Lenz, Ellison	Xed Wing	C11-3	first flight	1	9
102	Lenz, Ellison	Bullpup	B6-2	good flight	1	5
103	Lenz, Ellison	Baby Bertha	B6-4	good flight	1	5
104	Lenz, Ellison	Star Fighter	F24-7		1	50
105	Lenz, Stuart	Baby Bertha	A8-5	good flight	1	2.5
106	Lenz, Stuart	Baby Bertha	B6-4	good flight	1	5
107	Lenz, Stuart	DragonShip 8	(2) C6-3	good flight	2	18
108	Lenz, Stuart	Luna 2	B6-4	good flight	1	5
109	Lenz, Stuart	Deuces Wild	(2) C6-5	good flight	2	18
110	Lenz, Stuart	Luna 3	B6-4		1	5
111	Lenz, Stuart	#3	A10-3t		1	2.5
112	Lenz, Stuart	#3	A10-3t		1	2.5
113	Lenz, Stuart	X15	C11-3		1	9
114	Lenz, Stuart	X15	C11-3		1	9
115	Lenz, Stuart	Fat Boy	1/2A3-2t	unstable	1	1.25
116	Lenz, Stuart	CC Express	D12-0; C11-5	good flight	2	26
117	Lenz, Stuart	Hypergen	G38-7		1	94

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118	Merdan, Lyle	Wicked Winnie	C6-3	372', 99mph, 11.1 g	1	9
119	Merdan, Lyle	[unknown]	F32-6		1	56.9
120	Merdan, Lyle	WAC	C11-3	good flight	1	9
121	Merdan, Lyle	Big Daddy	D24		1	20
122	Peterson, Kent	Super Big Bertha	D12-3	good flight	1	17
123	Peterson, Kent	Bruiser	J350-S	Level 2 cert flight - successful!	1	697
124	Peterson, Kent	V2	D12-3	good flight	1	17
125	Peterson, Kent	Phoenix	E9-6	lawn dart	1	28.5
126	Peterson, Kent	Forte	G77-7		1	103
127	Schaffhausen, Dave	Screamer	D12-5	tangled chute	1	17
128	Schaffhausen, Dave	Executioner	E9-6	late eject	1	28.5
129	Schaffhausen, Dave	Ninja	H123-S		1	223.6
130	Schaffhausen, Dave	Baby Bertha	B6-4		1	5
131	Schaffhausen, Dave	Diva	E9-6		1	28.5
132	Schaffhausen, Dave	Omloid	C6-5		1	9
133	Schaffhausen, Dave	G-Force	H128-S	good flight	1	172.9
134	Schaffhausen, Dave	Omloid	C6-3		1	9
135	Schaffhausen, Dave	Executioner	E9-6		1	28.5
136	Schaffhausen, Dave	Born of Fire	B6-4		1	5
137	Schaffhausen, Nancy	Earth Angel	B6-4	good flight	1	5
138	Schaffhausen, Nancy	Baby Bertha	B6-4		1	5
139	Schaffhausen, Nancy	Prospector	B6-4		1	5
140	Schweim, Todd	S3 Parachute	A3-4t		1	2.5
141	Schweim, Todd	S9 Helicopter	A3-4t	lawn dart	1	2.5
142	Shmel, Dwayne	Sputnik	B6-0	first flight	1	5
143	Shmel, Dwayne	V2	E18-7	good flight	1	39
144	Shmel, Dwayne	Crayon	F24-7	good flight	1	50
145	Shmel, Dwayne	Karaken	I357	good flight	1	342
146	Shmel, Dwayne	Sputnik	B6-4	drag race	1	5
147	Shmel, Dwayne	Sputnik	B6-4	drag race	1	5
148	Shmel, Dwayne	Roc-It	D12-3		1	17
149	Shmel, Dwayne	Pyramid	C6-5		1	9
150	Shmel, Dwayne	Sputnik	B6-0	first flight	1	5
151	Taylor, Alyssa	Fantom	H128	good flight	1	172.9
152	Taylor, Jeff	Centurion	D15-7		1	20
153	Vickers, Elliot	Sidewinder	C6-5		1	9
154	Vickers, Elliot	Corkscrew	B4-2		1	5
155	Vickers, Elliot	Baby Bertha Glider	A8-3	good flight	1	2.5
156	Vickers, Elliot	Steam Comet	D12-3	good flight	1	17

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157	Vickers, Elliot	Steam Comet	D12-3		1	17
158	Whitaker, David	AMRAAM 2.5	H124	hybrid, good flight	1	225
159	Whitaker, David	Sidewinder	C6-3	good flight	1	9
160	Whitaker, David	Centurion	C6-3	good flight	1	9
161	Whitaker, David	Fat Boy	C6-3		1	9
<b>Total Flights: 161</b>					<b>171</b>	<b>6047.45</b>
<b>Total Motors: 171</b>						
<b>Total Impulse (N-s): 6047.45</b>						
<b>Average Impulse (N-s): 35.4</b>						

Motor Distribution	
MM	0
1/4 A	0
1/2 A	3
A	23
B	45
C	42
D	19
E	13
F	6
G	7
H	9
I	3
J	1

