

MASA launch, Nowthen, August 22, 2009					Total #	Total
#	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
1	Barr, Tim	US Qubit	A10-3t	good flight	1	2.5
2	Barr, Tim	Icarus	C6-5		1	9
3	Barr, Tim	lil' Wild Thing	C6-3		1	9
4	Barr, Tim	Turbo Stealth	A10		1	2.5
5	Barr, Tim	Frick n Frack	B6-0; C6-0	UFO drag race	2	14
6	Boe, Caleb	Tethys	I180-9	skidmark motor	1	338
7	Boe, Caleb	IQSY Tomahawk	G64-10	good flight	1	120
8	Boe, Caleb	FAI Glider	A3-4t	good flight	1	2.5
9	Boe, Daniel	Corporal	B6-4	good flight	1	5
10	Boe, Joshua	Scotch	D12-5	good flight	1	17
11	Boe, Joshua	Cardinal	B6-4	modified ThingaMaJig	1	5
12	Boe, Joshua	Duracell Double A	B6-4		1	5
13	Boe, Joshua	Scotch	D12-5		1	17
14	Boe, Joshua	Baby Bertha	B6-4	good flight	1	5
15	Carlson, John	D-Region Tomahawk	E9-6		1	28.5
16	Carlson, John	V2	D12-3		1	17
17	Carlson, John	Aero Dart	E9-6		1	28.5
18	Carlson, John	A-20 Demon	D12-5	30+ year old rocket	1	17
19	Carlson, John	Trident	B6-4		1	5
20	Carlson, John	V2	B6-4	30+ year old rocket	1	5
21	Carlson, John	Interceptor	B6-4	30+ year old rocket	1	5
22	Carlson, John	Arcas	B6-4	25+ year old rocket	1	5
23	Carlson, John	Mars Snooper II	B6-4	25+ year old rocket	1	5
24	Carlson, Quinn	Ion Pulsar	B6-4		1	5
25	Carlson, Quinn	Mini Bertha	1/2A3-4t	good flight	1	2.5
26	Carlson, Quinn	Centurion	B6-4		1	5
27	Carlson, Quinn	Force 5	B6-4	good flight	1	5
28	Carlson, Quinn	ASP	A10-3t	good flight	1	2.5
29	Copple, Jim	CC Express	D12-0; D12-7	good flight	2	34
30	Copple, Kailee	Big Daddy	D12-7	good flight	1	17
31	Copple, Kailee	Crossbow	C6-5	corkscrew flight	1	9
32	Copple, Paige	Twin Taser	C6-0; C6-7	good flight	2	18
33	Copple, Paige	Harpoon	C6-5	good flight	1	9
34	Copple, Paige	Penetrator	C6-5	good flight	1	9
35	Copple, Paige	Equinox	D12-7	good flight	1	17
36	Copple, Paige	Super Bird	C6-5		1	9
37	Copple, Paige	Penetrator	C6-7		1	9
38	Estenson, Alan	Sky Hook	A3-4t	good flight	1	2.5
39	Estenson, Alan	Solar Goon	B6-4	good flight	1	5
40	Estenson, Alan	Fat Boy	C6-3	splashdown!	1	9
41	Estenson, Alan	Cherokee D	D12-7	good flight	1	17
42	Estenson, Alan	Goonybird Zero	B4-4	good flight	1	5

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43	Estenson, Alan	Back to Cool	D12-3	crayon rocket, first flight	1	17
44	Estenson, Alan	WYIARS	G79-7	good flight	1	108
45	Estenson, Alan	Starstruck VI	G64-7	good flight	1	120
46	Estenson, Alan	MASA SPEV Saucer	C6-0	UFO drag race	1	9
47	Estenson, Alan	Pheord X150	C6-0	UFO drag race	1	9
48	Estenson, Alan	Pathfinder	D12-5	lost to the cornfield	1	17
49	Estenson, Alan	Back to Cool	E30-7	good flight	1	40
50	Estenson, Alan	IO	G76-7	good flight	1	115
51	Estenson, Alan	Blue Bird Zero	D12-0; C6-5	booster splashdown!	2	26
52	Estenson, Alan	Comanche-3	D12-0; C6-0; C6-7	Comanche-3 drag race	3	35
53	Estenson, Alan	Explorer 7	I366-M	good flight	1	539
54	Estenson, Alan	Scimitar	A10-Pt	good flight	1	2.5
55	Estenson, Alan	Pyramid	A10-Pt	good flight	1	2.5
56	Gensler, David	X-caliber	G79-7		1	108
57	Gensler, David	Small Endeavour	G64-7	good flight	1	120
58	Gensler, David	Black Brant VB	G77-10	good flight	1	105
59	Gleason, Scott	Stealth	F24	UFO drag race	1	50
60	Higgins, Neal	Six Pack	E9-8	good flight	1	28.5
61	Higgins, Neal	XRV	C6-3	good flight	1	9
62	Higgins, Neal	Totally Tubular	F12-5	Blowby or forward closure failure - early eject	1	45
63	Higgins, Neal	Milhouse	F20-7	late deployment	1	64
64	Higgins, Neal	Mr Spudnik	E15-4		1	40
65	Higgins, Neal	Kang	G61-6	CATO	1	111
66	Higgins, Neal	Slobbo	F20-7	good flight	1	64
67	Higgins, Neal	Deltie-B	B6-2		1	5
68	Hoyme, Alissa	Mini Mars Lander	A10-3t	good flight	1	2.5
69	Hoyme, Alissa	Gemini DC	C6-5		1	9
70	Hoyme, Alissa	Executioner	E15-4	good flight	1	40
71	Hoyme, Alissa	Corona	B6-0; B6-6	good flight	2	10
72	Hoyme, Alissa	Delta Flying Saucer	A10-Pt	UFO drag race	1	2.5
73	Hoyme, Alissa	Cinco	A10-Pt	drag race with Ken	1	2.5
74	Hoyme, Alissa	Mustang	F23-7	good flight	1	56
75	Hoyme, Alissa	Corona	C6-0; B6-6	good flight	2	14
76	Hoyme, Ken	Texas Twister	A3-4t	good flight	1	2.5
77	Hoyme, Ken	Big Daddy	D12-5	rod kick, cruise missile, lawn dart then eject	1	17
78	Hoyme, Ken	SPEV	C6-5		1	9
79	Hoyme, Ken	Pyramid	A10-Pt	drag race with Alissa	1	2.5
80	Hoyme, Ken	Onyx	F20-7		1	64
81	Hoyme, Ken	Lil' Hustler	E9-6	Nartrek Silver egg loft flight	1	28.5
82	Hoyme, Ken	Tres	(3) C6-5	Nartrek Silver cluster flight	3	27
83	Hoyme, Ken	Comanche-3	D12-0; B6-0; B6-6	Comanche-3 drag race	3	27

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84	Hoyme, Ken	Onyx	F20-7	splashdown!	1	64
85	Jarosch, Ken	Spirit of America	H165-S		1	165
86	Jarosch, Ken	Spirit of America	H180-S	good flight	1	218
87	Jarosch, Paul	Snitch	C6-0		1	9
88	Jarosch, Paul	Patriot	C6-5		1	9
89	Jarosch, Paul	Menace	C6-5		1	9
90	Jarosch, Paul	CATO	C6-0		1	9
91	Jarosch, Paul	Alien Space Probe	D13-4	Troll passenger	1	20
92	Jarosch, Paul	Cool Spool	G76-4	early eject (due to high drag)	1	115
93	Jarosch, Paul	Super Strike Eagle	C6-3	UFO drag race	1	9
94	Juntunen, Andy	Exocet MM40	(2) D12-5	good flight	2	34
95	Juntunen, Andy	Astrobee D	G40-4		1	97
96	Juntunen, Andy	G-Force	G40-4		1	97
97	Juntunen, Andy	1/4-Scale Patriot	H73-7	no eject, lawn dart	1	185.6
98	Karsten, Abbie	Delta Flying Saucer	A10-Pt	good flight	1	2.5
99	Karsten, Abbie	Qubit	A10-Pt	good flight	1	2.5
100	Karsten, Peightyn	Stealth	A10-Pt	good flight	1	2.5
101	Kilberg, Brian	Mustang	G35-7		1	95
102	Kilberg, Brian	Scratch Built	(3) B6-4 & C6-0; C6-5	2-stage cluster	5	33
103	Kilberg, Don	Mustang	F20-7		1	64
104	King, Ray	F-something	C6-3		1	9
105	King, Ray	Buck Rogers Starfighter	C6-3, C6-5	staggered ignition, impacted next to pad	2	18
106	Lenz, Ellison	lil' Nuke	G40-10	good flight	1	97
107	Lenz, Ellison	Weasel	F25-9	good flight	1	80
108	Lenz, Stuart	Dragon Ship 6	C6-3		1	9
109	Lenz, Stuart	Pokemon II	F21-6	good flight	1	55
110	Lenz, Stuart	Cassiopeia	C6-5	good flight	1	9
111	Lenz, Stuart	ACME Rocket	C11-5	unstable?	1	9
112	Lenz, Stuart	Patrol Cruiser Excalibur	C6-3	good flight	1	9
113	Marple, Carol	Black Brant VB	H165-S	good flight	1	165
114	Marple, Carol	Black Brant VB	G75-M	good flight	1	135.6
115	McDermott, Buzz	Flis NSL2003 Rocket	E9-4	good flight	1	28.5
116	McDermott, Buzz	Deltie Thunder	E9-4	nice glide, pod core sample	1	28.5
117	McDermott, Buzz	Pipsqueak	C6-5		1	9
118	McDermott, Buzz	Goony Max	C11-5		1	9
119	McDermott, Buzz	Optima	(2) E9-6		2	57
120	McDermott, Buzz	Stealth	A10	drag race with Dwayne	1	2.5
121	McDermott, Buzz	Qubit	A10	drag race with Dwayne	1	2.5
122	McDermott, Buzz	Vindicator	C6-5	drag race with Mark	1	9
123	Merdan, Lyle	Nike Smoke	C6-3	first flight	1	9
124	Merdan, Lyle	Snitch	C6-0	UFO drag race	1	9

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125	Merdan, Lyle	Comanche-3	D12-0; B6-0; A8-3	Comanche-3 drag race	3	24.5
126	Merdan, Lyle	V2	C11-3	first flight	1	9
127	Merdan, Lyle	Corona	B6-4		1	5
128	Merdan, Lyle	School Rocket	A8-3		1	2.5
129	Murphy, Lance	Icarus	A8-3	separation	1	2.5
130	Murphy, Lance	Icarus	A8-3	separation	1	2.5
131	Overby, Glen	Sputnik!	B6-0	stuck the landing! <applause>	1	5
132	Overby, Glen	3FNC 29mm	F25-9		1	80
133	Overby, Glen	No Laughing Matter	I117	hybrid	1	592
134	Overby, Glen	Comanche-3	D12-0; C6-0; C6-7	Comanche-3 drag race	3	35
135	Overby, Glen	IQSY Tomahawk	G64-10	good flight	1	120
136	Overby, Glen	I'm Yellow	G76-10		1	115
137	Overby, Glen	Nike-Apache	E28-6	separation	1	40
138	Schaffhausen, Dave	Menace	C6-5		1	9
139	Schaffhausen, Dave	Ghost of War	E9-6	good flight	1	28.5
140	Schaffhausen, Dave	Strong Arm	G53-5		1	91
141	Schaffhausen, Dave	Cluster Bomb	C6-3	good flight	1	9
142	Schaffhausen, Dave	Echostar	C6-0; B6-6	good flight	2	14
143	Schaffhausen, Dave	Onyx	F22-7	good flight	1	64
144	Schaffhausen, Dave	Comanche-3	D12-0; C6-0; B6-6	Comanche-3 drag race	3	31
145	Schaffhausen, Dave	The Banker	G64-7		1	120
146	Schaffhausen, Dave	Mustang	E23-5		1	37
147	Schwartz, Larry	Shrox Dynastar	D12-5		1	17
148	Schwartz, Larry	2-stage AMRAAM	D12-0; C6-7		2	26
149	Schwartz, Larry	Helio-copter	C6-5		1	9
150	Schwartz, Larry	Chaparral	G64-10	lost to the cornfield	1	120
151	Schweim, Todd	Land Shark!	C6-3	rod locked	1	9
152	Shmel, Dwayne	The DUDE	D12-3		1	17
153	Shmel, Dwayne	Rock-It	E9-6	CATO	1	28.5
154	Shmel, Dwayne	The Crayon	E15-7	good flight	1	40
155	Shmel, Dwayne	Death Star	D13-7	boinked, then ejected	1	20
156	Shmel, Dwayne	Der Rock Max	F24-4		1	50
157	Shmel, Dwayne	Baby Bertha	C6-5		1	9
158	Shmel, Dwayne	Blue Ninja	D12-5		1	17
159	Shmel, Dwayne	Eggspress	C6-5		1	9
160	Shmel, Dwayne	Scimitar	A10	drag race with Buzz	1	2.5
161	Shmel, Dwayne	Stealth	A10	drag race with Buzz	1	2.5
162	Shmel, Dwayne	Pyramid	C6-3		1	9
163	Taylor, Jeff	Centurion	D12-5	separation	1	17
164	Taylor, Jeff	LOC IV	H180		1	218
165	Taylor, Jeff	Big Daddy	E28-7		1	40

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166	Thell, Mark	Comanche-3	D12-0; B6-0; C6-7	Comanche-3 drag race	3	31
167	Thell, Mark	Maniac	C11-3		1	9
168	Thell, Mark	Big Sprint	E9-4	separation	1	28.5
169	Thell, Mark	Big Bertha	C6-5		1	9
170	Thell, Mark	SLS Hustler	E9-4		1	28.5
171	Thell, Mark	Deltie B	B4-2		1	5
172	Thell, Mark	Vindicator	C6-5	drag race with Buzz	1	9
173	Whitaker, David	Hybrid Farty Pants of Death	J144	hybrid	1	699
174	Whitaker, David	Black Brant X	F20-4	good flight	1	64
175	Whitaker, David	Pheord X150	C6-3	UFO drag race	1	9
176	Whitaker, David	Tiny Pterodactyl	F27-4	early eject	1	50
177	Whitaker, David	Praetor	B6-0; C6-5		2	14
178	Whitaker, David	Red Baron	A8-3		1	2.5
179	Whitaker, David	Flat Cat	B4-2		1	5
180	Whitaker, David	Cherokee D	C11-5		1	9
181	Ziegler, Gus	220 Swift	1/2A3-2t		1	1.25
182	Ziegler, Gus	Alpha	B6-4	good flight	1	5
183	Ziegler, Gus	Monarch	B6-4	good flight	1	5
184	Ziegler, Gus	Big Daddy	D12-5	no chute	1	17
<b>Total Flights: 184</b>					<b>214</b>	<b>8057.95</b>

<b>Total Motors: 214</b>
<b>Total Impulse (N-s): 8057.95</b>
<b>Average Impulse (N-s): 37.7</b>

Motor Distribution	
MM	0
1/4 A	0
1/2 A	2
A	24
B	35
C	62
D	29
E	19
F	15
G	19
H	5
I	3
J	1

