

MASA launch, Nowthen, April 28, 2007					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Apple Valley H.S.	TARC-A	E9-6		1	28.5
2	Apple Valley H.S.	TARC-B	E9-6		1	28.5
3	Apple Valley H.S.	TARC-C	E9-6		1	28.5
4	Apple Valley H.S.	TARC-A	E9-6		1	28.5
5	Apple Valley H.S.	TARC-A	E9-6	no streamer deployment on lower portion	1	28.5
6	Apple Valley H.S.	TARC-C	E9-6		1	28.5
7	Apple Valley H.S.	TARC-C	E9-6		1	28.5
8	Apple Valley H.S.	TARC-C	E9-6		1	28.5
9	Apple Valley H.S.	TARC	E9-6		1	28.5
10	Andrews, Caroline	Skywriter	A8-3	drag race w/ McKenna	1	2.5
11	Andrews, Caroline	Skywriter	C6-5	drag race w/ McKenna	1	9
12	Arneson, Pat	Delta	A10-Pt		1	2.5
13	Arneson, Pat	Thunderbee	A10-3t		1	2.5
14	Arneson, Pat	Qbit	A10-Pt		1	2.5
15	Arneson, Pat	Screamin Demon	C6-5		1	9
16	Arneson, Pat	Midnight Express	C6-5	paper rocket	1	9
17	Arneson, Pat	Midnight Express	A6-4		1	2.5
18	Arneson, Pat	Super Bird	C6-5		1	9
19	Bachmayer, Ian	Viking	A8-3		1	2.5
20	Bachmayer, Ian	Viking	B6-4		1	5
21	Betker, Ben	Baby Bertha	B6-4		1	5
22	Betker, Ben	Fat Boy	C6-5	first flight	1	9
23	Betker, Ben	Python 4	C6-5	first flight	1	9
24	Betker, Ben	Menace	B6-4	first flight	1	5
25	Betker, Ben	Guardian	C6-5	1st flight, cruise missile	1	9
26	Betker, Ben	Big Daddy	D12-3	first flight	1	17
27	Betker, Ben	Big Bertha	B6-4		1	5
28	Betker, Ben	Big Bertha	C6-5	tangled chute	1	9
29	Betker, Ben	Big Daddy	D12-5		1	17
30	Betker, Ben	Baby Bertha	C6-5	tangled chute	1	9
31	Betker, Ben	Big Bertha	B6-4	tangled chute	1	5
32	Betker, Ben	Big Bertha	B6-4		1	5
33	Boe, Caleb	Tethys	I205-9	nice flight!	1	380.9
34	Boe, Caleb	IQSY Tomahawk	F22-5	first flight	1	65
35	Boe, Caleb	IQSY Tomahawk	F22-5		1	65
36	Boe, Daniel	Fiesta	A8-3		1	2.5
37	Boe, Joshua	[unknown]	B6-4		1	5
38	Boe, Joshua	Galileo	B6-4		1	5
39	Boe, Joshua	Wacky Wiggler	B6-4		1	5
40	Cochran, Ted	Silver Comet	D12-3	many flights	1	17
41	Cochran, Ted	Tethys	H242-S		1	253.3
42	Cochran, Ted	NCR Eliminator	F25-4		1	80

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43	Cochran, Ted	PML Phobos	G64-7		1	120
44	Colt, Jason	Sam-X	B6-0; B6-6	two stage	2	10
45	Colt, Jason	Sam-X	B6-0; B6-6		2	10
46	Colt, Jason	Sam-X	B6-0; B6-6	lawn dart (spit motor at ejection)	2	10
47	Erpelding, Mike	NSA	B6-4		1	5
48	Erpelding, Mike	Max Trax	C6-3		1	9
49	Erpelding, Mike	Boost Glider	B4-2		1	5
50	Gensler, David	Harpoon	C6-3		1	9
51	Gensler, David	ARCAS	G35-7		1	105
52	Gensler, David	Arreaux	F25-9		1	80
53	Gleason, Scott	MMX Stealth	MMX		1	0.3
54	Gleason, Scott	Saturn V	MMX		1	0.3
55	Gleason, Scott	Thunderbee	A3-4t		1	2.5
56	Gleason, Scott	Canadian Arrow	D12-3		1	17
57	Gleason, Scott	Big Daddy	D12-3		1	17
58	Gleason, Scott	Stormcaster	C11-3		1	9
59	Gleason, Scott	Aries	B6-4	separation	1	5
60	Gleason, Scott	Heatseeker	B6-4		1	5
61	Gleason, Scott	Alpha III	A8-3		1	2.5
62	Gleason, Scott	Silver Bullet	A8-3	separation	1	2.5
63	Gleason, Scott	13mm Stealth	A3-4t		1	2.5
64	Gleason, Scott	MMX UFO	MMX	12th flight of the day	1	0.3
65	Heren, Andy	Big Daddy	D12-5		1	17
66	Heren, Andy	Corkscrew	B6-4		1	5
67	Heren, Andy	AIM-9 Sidewinder	C6-3		1	9
68	Heren, Andy	2TH DKR	C6-3	underpowered, unstable	1	9
69	Heren, Andy	Mark II	B6-4	first flight	1	5
70	Heren, Andy	Aztec	B6-0; B6-4	two stage	2	10
71	Heren, Andy	Big Bertha	B6-4		1	5
72	Holsten, Benjamin	"Burning Rocket"	A8-3		1	2.5
73	Holsten, Joshua	Rocket Mobile	A8-3		1	2.5
74	Johnson, Hans	Comanche-3	D12-0; C6-0; C6-7	"all up" - great flight!	3	35
75	Jarosch, Ken	Blue Ninja	E9-4		1	28.5
76	Jarosch, Ken	Eggscaliber	D12-3		1	17
77	Jarosch, Ken	Eggscaliber	E9-4	separation	1	28.5
78	Jarosch, Ken	Executioner	F24-4		1	50
79	Jarosch, Paul	Cruise Missile	A10-3t		1	2.5
80	Jarosch, Paul	Super Cinco	C6-3		1	9
81	Jarosch, Paul	Snitch	C6-0		1	9
82	Jarosch, Paul	American Spool - White	D12-5		1	17
83	Jarosch, Paul	Shuttle Express	B6-2	with gliders	1	5

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84	Jarosch, Paul	Strike Fighter	B6-4		1	5
85	Jarosch, Paul	Menace	B6-4		1	5
86	Jarosch, Paul	Tri-Vortex	(3) A10-3t	unstable - only lit 1?	1	2.5
87	Jarosch, Paul	Alien Space Probe	C5-3		1	9.5
88	Kelly, Jerry	Outlaw	1/4A3-3t	first flight	1	0.63
89	Kelly, Jerry	Outlaw	1/4A3-3t	CATO	1	0.63
90	Koester, Lukas	The Green-Nosed Rocket	A8-3		1	2.5
91	Koester, Lukas	The Green-Nosed Rocket	A8-3	separation	1	2.5
92	Lenz, Stuart	Scratch Cluster	(2) B6-4	1st flight, unstable	2	10
93	Lenz, Stuart	Executioner	C11-3	low & slow	1	9
94	Lenz, Stuart	S.S. Cassiopeia	C6-3	separation	1	9
95	Lenz, Stuart	Holy Terror	F25-6	unstable, lawn dart	1	80
96	Lenz, Stuart	Legacy	G40-7		1	120
97	Lenz, Stuart	Bullpup	A8-3		1	2.5
98	McDermott, Buzz	Quest Flat Cat	B6-2	rod lock	1	5
99	McDermott, Buzz	MPC Flat Cat	B6-2		1	5
100	Myers, Eric	Skywinder	C6-3	good flight	1	9
101	Myers, Eric	CiCi	A8-3		1	2.5
102	Myers, Eric	UFO	A8-3		1	2.5
103	Myers, Eric	Exo-Skell	C6-3	good flight	1	9
104	Myers, Heather	Death Star	B6-4	"Red 5 standing by..."	1	5
105	Myers, Heather	Cloudscribbler	C6-3		1	9
106	Myers, Heather	CiCi	C6-3	rod lock	1	9
107	Myers, Heather	Cloudscribbler	C6-3		1	9
108	Myers, Jim	Deuces Wild 24mm	(2) D12-5		2	34
109	Myers, Jim	Deuces Wild	(2) C6-5	cruise missile, lawn dart (second motor lit late)	2	18
110	Myers, Jim	Deuces Wild 13mm	(2) A10-3t	rod lock, only lit 1	1	2.5
111	Myers, Jim	Fat Boy	D12-5		1	17
112	Myers, Jim	ECEE Thunder	D12-3	majestic flight!	1	17
113	Myers, Jim	Stage II Thunder	D12-0; D12-3	lawn dart (both stages)	2	34
114	Myers, Jim	Ugly Pink Rocket	G35-4		1	105
115	Myers, Jim	Photon Disruptor II	G35-4	upscale	1	105
116	Myers, Jim	ECEE	A10-3t	separation, unstable, shred, and so on...	1	2.5
117	Navara, Joe	TN Tomahawk	B6-4		1	5
118	Navara, Joe	TN Tomahawk	B6-4		1	5
119	Okeson, Jeffrey	Blue + Gold	A8-3		1	2.5
120	Okeson, Jeffrey	Blue + Gold	B6-4		1	5
121	Okeson, Jeffrey	Blue + Gold	B6-4		1	5
122	Okeson, Jeffrey	Black Diamond	B6-4		1	5
123	Okeson, Jeffrey	Black Diamond	C6-5		1	9
124	Ostrum, Zachary	Red-Thunder	A8-3	first flight	1	2.5

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#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
125	Ostrum, Zachary	Red-Thunder	B6-4		1	5
126	Ostrum, Zachary	Red-Thunder	A8-3	lawn dart	1	2.5
127	Ostrum, Zachary	Outlaw	B6-4		1	5
128	Ostrum, Zachary	Outlaw	B6-4		1	5
129	Ostrum, Zachary	Red-Thunder	B6-4		1	5
130	Rider, Jacob	Super Eagle	C6-3		1	9
131	Rider, Jacob	X-15	C6-5		1	9
132	Rider, Jacob	Super Eagle	C6-3		1	9
133	Rider, Jacob	Snarky	E30	wow!	1	40
134	Rider, Jacob	Mercury Redstone	C6-3	no chute on lower portion, wadded chute on capsule	1	9
135	Rider, Jacob	Initiator	F25-6		1	80
136	Rider, Jacob	X-15	C6-5	lawn dart	1	9
137	Rider, Jacob	Icestorm	C6-3		1	9
138	Rider, Jacob	Icestorm	C6-3	lawn dart	1	9
139	Rider, Jacob	Super Eagle	C6-3	rod lock	1	9
140	Rider, Jacob	Super Eagle	C6-3		1	9
141	Rider, Rick	Snarky	E30-4	tangled chute	1	40
142	Rider, Rick	Firebird	C6-7		1	9
143	Rider, Rick	Stars & Stripes	C6-7		1	9
144	Rider, Rick	Mustang	F25-9		1	80
145	Rider, Rick	Stars & Stripes	C6-7		1	9
146	Szewczyk, Zachary	Black Diamond Sizzler	C6-5	first flight	1	9
147	Taylor, Alyssa	Mustang Fat Boy of Death	C6-3	first flight	1	9
148	Taylor, Alyssa	Blue Ninja	D12-3		1	17
149	Taylor, McKenna	Skywriter	A8-3	drag race w/ Caroline	1	2.5
150	Taylor, McKenna	Skywriter	C6-5	drag race w/ Caroline	1	9
151	Thell, Mark	Icarus	C6-5	good flight	1	9
152	Thell, Mark	HL-20	B6-2	1st (and last) flight	1	5
153	Thell, Mark	P-Chuter	B6-4	1st flight - splash!	1	5
154	Thell, Mark	X-24	C6-3		1	9
155	Thell, Mark	KosRox Streadur	C6-7		1	9
156	Thell, Mark	Flying Omelet of Death	E9-4	2 eggs onboard	1	28.5
157	Thell, Mark	Big Bertha	B6-4	wadded chute	1	5
158	Thell, Mark	Orbital Transport	B6-4	great glide!	1	5
159	Thell, Mark	Something-or-other...	D12-5	Sunward kit	1	17
160	Thell, Mark	Flat Cat	C6-3	"hope it's better than Mike's"	1	9
161	Thell, Mark	Flat Cat	C6-3		1	9
162	Thell, Mark	PML EYE-O	G79-4	early ejection	1	115
163	Thell, Mark	Stomp	C6-7	BOINK	1	9
164	Wachholz, Michael	Viking	C6-5	good flight	1	9
165	Wachholz, Michael	Cobra	C6-5		1	9

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#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
166	Wachholz, Michael	Skywriter	C6-5	good flight	1	9
167	Wachholz, Michael	Viking	C6-5		1	9
168	Wachholz, Michael	Cobra	C6-5		1	9
169	Wachholz, Michael	Payloader 1	C6-5	first flight	1	9
170	Wachholz, Michael	Cosmic Cobra	B6-4		1	5
171	Whitaker, David	Centurion	C6-5	first flight	1	9
172	Whitaker, David	Starliner	B6-4	first flight	1	5
173	Whitaker, David	Red Baron	A8-3	many flights	1	2.5
174	Whitaker, David	Flat Cat	B4-2		1	5
175	Whitaker, David	AMRAAM 2	G64-7		1	120
176	Wirth, Ron	Bullpup	B4-4		1	5
177	Wirth, Ron	Honest Goon	B4-4	first flight	1	5
178	Wirth, Ron	Blue Bird Zero	C6-5	first flight	1	9
179	Wirth, Ron	Pumpkin Head	D12-5	separation	1	17
180	Wirth, Ron	Cherokee-D	C11-3	first flight	1	9
181	Wirth, Ron	Astral Lance	D12-5		1	17
182	Wirth, Ron	Arapahoe E	D12-5	first flight	1	17
183	Wirth, Ron	Double Up	B6-0; B6-4	1st flight, no ejection	2	10
184	Wirth, Ron	Goonybird Zero	A8-3	1st flight, tangled chute	1	2.5
185	Wirth, Ron	Mighty Mick	C11-5		1	9
Total Flights: 185					196	3638.86
Total Motors: 196						
Total Impulse (N-s): 3638.86						
Average Impulse (N-s): 18.6						
Motor Distribution						
MM	3					
1/4 A	2					
1/2 A	0					
A	28					
B	52					
C	60					
D	20					
E	14					
F	8					
G	7					
H	1					
I	1					
J	0					