

MASA launch, Blaine, June 24, 2000					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Mark Thell	Fat Boy	B6-4		1	5
2	Glen Overby	Dart #5	B6-6	"Will it come back?"	1	5
3	Steve Robb	Deltie Thunder	D12-3	1st flight, good glide	1	17
4	Mike Martens	Dandy Dart	A8-3	scratch	1	2.5
5	Lee Frisvold	2 stage Fat Boy	D12-0; C6-5	stuck on rod while booster burned, then staged away	2	26
6	Mollie Frisvold	V2	D12-3	first flight	1	17
7	Brian Fergus	Fat Boy	C6-3	duration 3.74 sec	1	9
8	Walter Kjellander	Cheetah	G40-7	CATO! (rocket okay)	1	120
9	Brian Fergus	Death Star	C5-3	"lots a' parts"	1	9.5
10	Brady Jerve	6 fins	C6-3	lawn dart	1	9
11	Russ Durkee	Delta Death	C6-0	1st flight, R/C, unstable	1	9
12	Mike Martens	Triad	(2) C6-3, (1) C6-5	splashdown	3	27
13	Kerry Hodges	3X YellowJacket	G40-4	good flight	1	120
14	Rick Jerve	Zoomie	1/4A3-3t	needs trimming	1	0.63
15	Damian Kostron	Cuda	D7	R/C BG, good flight	1	20
16	Philip Gibbens	Scrambler	C5-3		1	9.5
17	Hahnah Gibbens	Red Masa Hornet	B4-2		1	5
18	Christian Vatsaas	Heatseeker	B6-4		1	5
19	Steve Hum	Strong Arm	G33-5	first flight	1	100
20	Mollie Frisvold	Fat Boy	C6-3	stuck on rod	1	9
21	Glen Overby	Aerobee 150A	C6-3	first flight	1	9
22	Dave Fergus	lil' Nuke	E15-4	maiden flight	1	40
23	Kayleigh Jerve	Kayleigh's Pride	C6-3		1	9
24	Art Gibbens	Satellite Launcher	C6-5	stuck on rod	1	9
25	Ed Eastman	Fat Boy	C5-3	duration 34.83 sec	1	9.5
26	Rick Vatsaas	DSP	C6-3		1	9
27	Tom Schmidt	Freedom	C6-5		1	9
28	Jarryd Schmidt	Soaring Skunk	C6-5		1	9
29	Joel Henry	Mini Marz Lander	A3-4t		1	2.5
30	Walter Kjellander	Cheetah	G25-10	(it just keeps going, and going, and...)	1	120
31	Mark Thell	Gemini Titan	B6-4		1	5
32	Brady Jerve	6 fins	C6-3		1	9
33	Rick Vatsaas	Franken Boy	D12-5	rear ejection	1	17
34	Mike Martens	Stomp	B6-4		1	5
35	Joe Kimmes	Viper 3	(3) D12-5	(whee!)	3	51
36	Josh McKibben	Nike Arrow	A10-3t	first flight	1	2.5
37	Kristen McKibben	Super Bee	C6-3	first flight	1	9
38	Kristen McKibben	Baby Bee	B6-4	first flight	1	5
39	Art Gibbens	K+S 3 stager	C6-0; C6-0; D12-7	bad staging, cruise missile & lawn dart in the scrub	3	35
40	Ed Eastman	Gnat	1/2A3-2t		1	1.25
41	Frank Kinderman	Ionizer	C6-7		1	9
42	Mark Thell	Forte	G35	2nd attempt at a first flight, CATO!	1	105
43	Lee Frisvold	2 stage Fat Boy	D12-0; D12-3	1st flight, good!	2	34

44	Mollie Frisvold	Fat Boy	C6-3	duration 16.69 sec	1	9
45	Glen Overby	Nike-Asp	D12-5	1st flight, good!	1	17
46	Dave Fergus	SAROS	B6-6	25 year old rocket, good flight	1	5
47	Ed Eastman	Nike Smoke	B6-4		1	5
48	Mollie Frisvold	Tornado	A8-3		1	2.5
49	Alan Estenson	Six Pack	D12-7	1st flight, severe chute tangle	1	17
50	Mike Martens	Fat Boy	C6-3	duration 19 sec	1	9
51	Steve Robb	Deltie Thunder	D12-3	nice glide	1	17
52	Joe Kimmes	Callisto	F50-4	first flight	1	80
53	Rick Jerve	Type 300 (modified)	E30-7	1st flight, separation	1	40
54	Joe Schneider	Interceptor G	F62	good flight	1	80
55	Josh McKibben	Wildfire	C6-3	no chute	1	9
56	Kristen McKibben	Zinger	A8-3		1	2.5
57	Kristen McKibben	Blue Star	B6-4	first flight	1	5
58	Damian Kostron	Cuda	D7	R/C BG, great flight	1	20
59	Rick Jerve	Zoomie	1/4A3-3t		1	0.62
60	Steve Robb	Silver Comet	D12-5		1	17
61	Russ Durkee	Cuda	D7	R/C BG	1	20
62	Tom Schmidt	D-Retro	D12-7	fast	1	17
63	Steve Hum	AMRAAM 2	F40-7		1	80
64	Michael Kutzke	Fat Boy	D12-5	1 passengers	1	17
65	John Carlson	Trident	C6-3	25 year old rocket, good flight	1	9
66	Dave Fergus	Goliath	B6-4		1	5
67	Tom Schmidt	A-Retro	A10-3t		1	2.5
68	Caitlin Bright	Wizard	A8-3	1st flight, separation	1	2.5
69	Rick Vatsaas	SAM X	C6-0; A8-3	good flight	2	11.5
70	Alan Estenson	IO	F20-4	loud	1	64
71	Russ Durkee	Onyx	F62-4		1	80
72	Kyle Green	Fat Boy	C6-3	duration 21.71 sec	1	9
73	Alex Carlson	Alpha 3	B6-4		1	5
74	Kent Peterson	Graduator	F25		1	80
75	David Bright	Fat Boy	B6-2	first flight	1	5
76	Brady Jerve	6 fins	C6-3		1	9
77	Rick Vatsaas	Avenger	C6-0; C6-7		2	18
78	Alan Estenson	WYIARS	F23-7	straight up	1	56
79	Kerry Hodges	2X Der Red Max	F62-4	straight up	1	80
80	Ben Green	E2X	A8-3		1	2.5
81	Mike Martens	F-22	C6-3	nice glide! (applause)	1	9
82	Mark Thell	Forte	G33	1st flight, third try (it went straight up)	1	100
83	Don Green	F-22 Shuttle	C6-3		1	9
84	Christian Vatsaas	Droid Fighter	C6-3		1	9
85	Josh McKibben	Big Bertha	C6-3		1	9
86	Kristen McKibben	Baby Bee	C6-3		1	9
87	Tracy McKibben	Super Bee	C6-3		1	9
88	Joel Henry	Rogue ARM 45	D12-5	no paint	1	17

89	Tom Schmidt	Bullpup	C6-7		1	9
90	Tom Schmidt	Eliminator	F62-4	short delay	1	80
91	Ed Eastman	Fat Boy	C5-3	duration 36.69 sec	1	9.5
92	Lee Frisvold	2 stage Big Daddy	D12-0; D12-3	1st flight, went nicely!	2	34
93	Garrett Elrod	Helicat	A8-3		1	2.5
94	Mollie Frisvold	Super Rok	C6-5	scratchbuilt, 1st flight	1	9
95	Glen Overby	Ohm Eater	E18-7	buzzer & g-switch	1	39
96	John Carlson	Invader	B6-4	rocket is 25 year old veteran	1	5
97	Brian Fergus	Fat Boy	C5-3	duration 13.99 sec	1	9.5
98	Michael Kutzke	Sprint	A8-3	20 year old classic rocket	1	2.5
99	Peder	Boogie Till Ya Puke	D12-7	scratchbuilt	1	17
100	Kyle Bright	Glider	1/2A3-2t	1st flight, "under new management"	1	1.25
101	Justin Elrod	Flash	A8-3	2nd flight	1	2.5
102	Joe Kimmes	Impulse	(2) D12-5		2	34
103	Tyler Thompson	Sizzler	C6-5		1	9
104	Walter Kjellander	Cheetah	G40-10	CATO!	1	120
105	Art Gibbens	Scrambler	C6-5	first flight	1	9
106	Nick Green	Alpha 3	B6-4		1	5
107	Ed Eastman	Orange Rhymer	B6-4		1	5
108	Mike Martens	Fat Boy	C6-3	duration 17 sec	1	9
109	Don Green	SR-71	B6-4	road weary	1	5
110	Jarryd Schmidt	Initiator	G38-7		1	94
111	Dave Fergus	Warthog	G35-7		1	105
112	Tom Schmidt	Big Daddy	D12-5		1	17
113	Art Gibbens	Toblerone	B4-4		1	5
114	Tyler Thompson	X-ray	A10-3t	first flight	1	2.5
115	Joel Henry	Venus Probe	C6-5		1	9
116	Tim Bush	AMRAAM 2	F25		1	80
117	Chuck Jerve	Astrocam	C6-7	film loaded	1	9
118	Kyle Green	Fat Boy	C6-5	duration 27.74 sec	1	9
119	Steve Robb	3FNC	H123		1	246.8
120	Mark Thell	liil' Nuke	F25-7	CATO! (rocket crispy now)	1	80
121	Lee Frisvold	Comanche-3	D12-0; B6-0; B6-4	first flight	3	27
122	Josh McKibben	Nike Arrow	A10-3t		1	2.5
123	Garrett Elrod	Helicat	C6-5		1	9
124	Justin Elrod	Flash	C6-3		1	9
125	Tyler Thompson	Big Bertha	C6-3		1	9
126	Kayleigh Jerve	Kayleigh's Pride	C6-3		1	9
127	Kristen McKibben	Blue Star	C6-3		1	9
128	Ken Corey-Edstrom	Nike	C6-0; B6-4	first flight	2	14
129	Tim Bush	Bullet	D12-5		1	17
130	Greg Schneider	Nostromo	H128-S	level 1 certification flight	1	177.9
131	Russ Durkee	Thoy Jaeger	G80-10	(chuffed and didn't act like a G80)	1	120
132	Joe Schneider	Wasp	G40-10	first flight	1	120
133	Brady Jerve	Skywinder	C6-3		1	9

134	Ed Ryan	Lightning	D12-5		1	17
135	Alan Estenson	Starburst	(2) F32-10	(whee!)	2	160
136	Ed Ryan	Navy	C6-5		1	9
137	Tom Schmidt	Clipper	D12-0; D12-7		2	34
138	Rick Vatsaas	Bullpup	C6-5		1	9
139	Lee Frisvold	2 stage Fat Boy	D12-0; C6-3		2	26
140	Tim Bush	Darkwing SR-72	A3-4t	maiden flight	1	2.5
141	Dave Fergus	Darkwing SR-72	1/2A3-2t	maiden flight	1	1.25
142	Chad Link	Fat Boy	C6-3	duration 21.43	1	9
143	Ken Corey-Edstrom	Bull Puppy	G38-4		1	94
144	Rick Vatsaas	Big Daddy	E15-7		1	40
145	Joel Henry	Bull Pup 12D	C6-5		1	9
146	Brian Fergus	Fat Boy	C5-3	duration 39.43 sec	1	9.5
147	Josh McKibben	Big Bertha	C6-3		1	9
148	Kristen McKibben	Baby Bee	C5-3		1	9.5
149	Tracy McKibben	Super Bee	C6-3		1	9
150	Joe Kimmes	Big Daddy	D12-5		1	17
151	Alan Estenson	Fat Boy	C5-3	duration 48.64 sec	1	9.5
152	Steve Hum	Fat Boy	E28		1	40
153	Jarryd Schmidt	Initiator	G38-7		1	94
154	Joe Kimmes	Delta Clipper	D12-5		1	17
155	Art Gibbens	America	C6-5	30 year old motor	1	9
156	Mollie Frisvold	Fat Boy	C6-3	duration 23.71 sec	1	9
157	Mollie Frisvold	Zenith	B6-0; B6-4		2	10
158	Lee Grimm	Fat Boy	C6-5	duration 37.01	1	9
159	Lee Frisvold	Black Brant	D12-7	first flight	1	17
160	Tom Schmidt	Fat Boy	C6-5	duration 48.16 sec	1	9
161	Dave Fergus	SAM X	B6-0; B6-6	unstable!	2	10
162	Russ Durkee	Cuda	D7		1	20
163	Mollie Frisvold	Long Shot	D12-0; C6-5		2	26
164	Alan Estenson	Zenith 2+	C6-0; C6-7	1st flight, good!	2	18
165	Garrett Elrod	Helicat	B6-4		1	5
166	Rachel Knoll	Bug Blaster!	A8-3	first rocket	1	2.5
167	Steve Robb	Deltie Thunder	E15-4	wow!	1	40
168	Chad Link	Chad #1	A10-3t	first flight, own design, good	1	2.5
169	Tim Bush	Darkwing SR-72	A10-3t	great glide	1	2.5
170	Tom Schmidt	Callisto	G38-7	first flight	1	94
171	Brian Fergus	Fat Boy	C5-3	duration 31.10 sec	1	9.5
172	Ed Ryan	lil' Nuke	G38		1	94
173	Joe Schneider	Initiator	F50-9		1	80
174	Chad Link	Fat Boy	C6-3	duration 21.43 sec	1	9
175	Lee Frisvold	Fat Boy	C6-5	duration 29.5 sec	1	9
176	Art Gibbens	Satellite Launcher	C6-5		1	9
177	Lee Grimm	Fat Boy	C6-5	duration 32.5 sec	1	9
178	Alan Estenson	Fat Boy	C5-3	duration 26.95 sec	1	9.5

179	Alan Estenson	Rings of Fire	D12-0; D12-5	nice	2	34
180	Philip Gibbens	Black Egg Hornet	C6-5		1	9
181	Tom Schmidt	Fat Boy	C6-5	duration 39.49 sec	1	9
182	Dave Fergus	Biplane boost glider	A10-3t		1	2.5
183	Steve Robb	Silver Comet	D12-3		1	17
184	Lee Frisvold	Fat Boy	C6-5	duration 29.37 sec	1	9
185	Glen Overby	Aerobee 300	D9-7		1	20
186	Brian Fergus	Fat Boy	C5-3	duration 38.66 sec	1	9.5
187	Brian Fergus	Big Bertha	C6-5		1	9
188	Chad Link	Chad #1	A10-3t		1	1.25
189	Steve Robb	Fat Boy	C6-5		1	9
190	Tom Schmidt	Callisto	G80-7		1	80
191	Glen Overby	Explorer	G64-7		1	120
<b>Total Flights: 191</b>					<b>214</b>	<b>5191.95</b>
<b>Total Motors: 214</b>						
<b>Total Impulse (N-s): 5191.95</b>						
<b>Average Impulse (N-s): 24.3</b>						
<b>Motor Distribution</b>						
MM	0					
1/4 A	2					
1/2A	3					
A	20					
B	26					
C	83					
D	41					
E	6					
F	14					
G	17					
H	2					