

MASA launch, White Bear Lake, March 23, 2002					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Ellison Lenz	Stomp	A8-3		1	2.5
2	Kent Peterson	Mosquito	A3-4t		1	2.5
3	Mike Martens	"Straight Fin"	B6-4		1	5
4	Alan Estenson	Asteroid Hunter	C6-5		1	9
5	Glen Overby	Generic Rocket Type 2	B6-4	1st flight, cold chute	1	5
6	Dave Lynch	Transwing glider	C6-5	"curse you Red Baron!"	1	9
7	Dave Fergus	Sprint ABM	C11-3	first flight	1	9
8	Ellison Lenz	Skywinder	C6-3	separation	1	9
9	Walter Kjellander	Blue Ninja	D12-3	separation	1	17
10	Seth Cochran	Super BOINK	A8-3	first flight	1	2.5
11	Leland Cheng	Super Shot	C6-5		1	9
12	Ted Cochran	"Streaming broadband"	1/2A3-2t	1st flight, spit motor, "snow darted"	1	1.25
13	Leland Cheng	Mosquito	1/2A3-2t	first flight	1	1.25
14	Dave Oberlander	Cheapskate	C6-5		1	9
15	Neal Higgins	Fineas J Whoopie	C6-5	a bit wiggly	1	9
16	Travis Lawell	Fat Boy	C6-5	first flight	1	9
17	Kent Peterson	Quark	A3-4t		1	2.5
18	Mike Martens	Big Bertha	D12-3		1	17
19	Alan Estenson	Red Shirt	C11-7	lost its streamer	1	9
20	Mike Erpelding	Mach 12	B6-4	first flight	1	5
21	Dave Fergus	X-File	A8-3	maiden flight, Descon X entry, successful - low altitude	1	2.5
22	Ed Eastman	Nike Smoke	B6-4		1	5
23	Ellison Lenz	Pepsi rocket	A8-3	separation	1	2.5
24	Derek Lynch	Sizzler	B6-4	first flight	1	5
25	Dave Oberlander	Stars & Stripes	B6-4		1	5
26	Ted Cochran	Big Bertha	B4-2	ice auger impression	1	5
27	Miranda Lawell	Navy	B6-4	first flight	1	5
28	Mark Thell	Nike Mark 1	B6-4	2nd flight	1	5
29	Jeff Hove	Stomp Mk 1	C6-3	2nd flight	1	9
30	Jeff Hove	Wind Test Dummy	B6-0; B6-6	good flight	2	10
31	Glen Overby	Jeep Space Zero	C6-3	first flight	1	9
32	Ed Eastman	R2-D2	A10-3t	drag race	1	5
33	Mike Martens	R2-D2	A10-3t	drag race	1	5
34	Kent Peterson	Big Bertha	C6-3		1	9
35	Sara Downham	S2	A8-3		1	2.5
36	Neal Higgins	Ranger	(3) B6-6	lit all 3!	3	15
37	Derek Lynch	Sizzler	B6-4	2nd flight	1	5
38	Leland Cheng	Mercury Redstone	C5-3	1st flight, arched due to torn-off launch lug on pad	1	9.5
39	Collin Dudra	Goliath	B6-4	first flight	1	5
40	Mike Erpelding	SR-71	C6-5	good flight	1	9
41	Ellison Lenz	Green Thing	(3) A8-3	lit all 3, but no ejection, "snow darted"	3	7.5

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42	Dave Fergus	X-File	B6-4	2nd flight	1	5
43	Alan Estenson	Fat Boy	C11-3		1	9
44	Tom Lawell	Prowler	C6-5		1	9
45	Ted Cochran	Mini Marz Lander	A10-3t		1	2.5
46	John Stenberg	FireBall	D12-3	scratchbuilt, 1st flight	1	17
47	Sara Downham	S2	A8-3	3rd flight	1	2.5
48	Mark Thell	Rotund Boy	C6-5	"3,750th (?) flight"	1	9
49	Ed Eastman	Crossbow Bolt	A8-3	modified Alpha	1	2.5
50	Glen Overby	60-2	D12-3	3rd flight; 1st 2 crashed	1	17
51	Dan Nolen	Blitz	1/4A3	first flight	1	0.63
52	Ted Cochran	Quest UFO	C6-3		1	9
53	Kent Peterson	Big Betty	C6-3	first flight	1	9
54	Nick Nolen	Sizzler	1/4A3	first flight	1	0.63
55	Sara Downham	(unknown)	A8-3	good flight	1	2.5
56	Ken Jarosch	Interceptor	D12-5		1	17
57	John Stenberg	FireBall	D12-3	2nd flight	1	17
58	Ted Cochran	Big Bertha	B4-2	ouch, again	1	5
59	Ellison Lenz	Crest	1/2A3-2t		1	1.25
60	Alan Estenson	Python	D12-5	good flight	1	17
61	John Carlson	V2	A8-3	25 year old rocket	1	2.5
62	Collin Dudra	Goliath	B6-4	2nd flight	1	5
63	Jeff Hove	Beta	A10-0t; A3-4t		2	5
64	Mollie Frisvold	Mollie's Rocket	C6-5		1	9
65	Lee Frisvold	Fat Boy	C6-3		1	9
66	Leland Cheng	Honest John	E15-4	1st flight, hard landing	1	40
67	Ellison Lenz	X-Ray	1/2A3-2t	first flight	1	1.25
68	John Carlson	Argus II	B6-6	scratchbuilt	1	5
69	Mike Erpelding	"Golly"	A3-4t	from the MASA Planet archives	1	2.5
70	Nick Nolen	UFO	C6-0		1	9
71	Glen Overby	Funky-3	C6-3	first flight	1	9
72	Sara Downham	S2	A8-3	4th flight	1	2.5
73	John Carlson	Estes Orbital Satellite	A8-3	1st flight, crashed	1	2.5
74	Travis Lawell	Monarch	C6-5		1	9
75	Derek Lynch	Sizzler	B6-6	3rd flight	1	5
76	Ken Jarosch	Meteor	D12-7	landed on school roof	1	17
77	Miranda Lawell	Sabre	B6-4	took the clothespin with it!	1	5
78	Ted Cochran	Jayhawk	E15-4	good flight	1	40
79	Mollie Frisvold	Little Shorter Bertha	C6-3		1	9
80	Leland Cheng	Mercury Redstone	C6-5	good flight	1	9
81	Collin Dudra	Goliath	B6-4		1	5
82	Dan Nolen	Bandit	C6-5		1	9

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#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
83	Mike Erpelding	Apogee Blue Streak	B6-4	first flight	1	5
84	Alan Estenson	Long Shot	C11-0; B6-4	didn't stage	1	9
85	Lee Frisvold	Silver Comet	D12-3	no chute	1	17
86	Mollie Frisvold	Tangent	C6-3		1	9
87	Ted Cochran	Big Bertha	B6-4	3rd time's the charm?	1	5
88	Lee Frisvold	Commander	B6-4	separation	1	5
89	Miranda Lawell	Fat Boy	C6-3		1	9
90	Leland Cheng	Mosquito	A10-3t		1	2.5
91	Glen Overby	60-2	E9-4	very much not stable	1	29.5
92	Ken Jarosch	Straight Up "D"	B6-4		1	5
<b>Total Flights: 92</b>					<b>98</b>	<b>736.76</b>
<b>Total Motors: 98</b>						
<b>Total Impulse (N-s): 736.76</b>						
<b>Average Impulse (N-s): 7.5</b>						
<b>Motor Distribution</b>						
MM	0					
1/4 A	2					
1/2A	4					
A	23					
B	27					
C	30					
D	9					
E	3					
F	0					
G	0					
H	0					