

MASA launch, Elk River, June 28, 2003					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Kevin Christianson	Ionizer	A8-3	very 1st flight ever!	1	2.5
2	Kevin Christianson	Ionizer	A8-3	good flight	1	2.5
3	Kevin Christianson	Ionizer	B6-4	3rd flight ever!	1	5
4	Kevin Christianson	Ionizer	B6-4	good flight	1	5
5	Kevin Christianson	Ionizer	A8-3	good flight	1	2.5
6	Kevin Christianson	Ionizer	A8-3	good flight	1	2.5
7	Seth Cochran	Deltie Airshow	C6-3	very nice, all 3 gliders in the air	1	9
8	Ted Cochran	Maniac	D12-7	good flight	1	17
9	Ted Cochran	A SuperRoc Backslider	A8-5	good flight	1	2.5
10	Ted Cochran	B SuperRoc Backslider	B6-6	good flight	1	5
11	Ted Cochran	Shuttle Columbia	C6-3	In Memory of Rick Husband	1	9
12	Ted Cochran	Orbital Transport	C5-3	good flight	1	9.5
13	Ted Cochran	Flat Cat	B4-2		1	5
14	Ken Corey-Edstrom	Texas Twister	1/2A3-2t	fence post	1	1.25
15	Ken Corey-Edstrom	Alien Ent. Monocopter	D11-P	1st flight, very cool	1	18
16	Ken Corey-Edstrom	Astron Ranger	(3) B6-4	1st flight, no chute	3	15
17	Ken Corey-Edstrom	Alien Ent. Monocopter	E15	neat flight	1	40
18	Ken Corey-Edstrom	Polar Lights Jupiter 2	F21	oops, stuck on rod ("Danger Will Robinson")	1	55
19	Ken Corey-Edstrom	lil Johnny Rocket	F21-4	oops, motor flew through "rocket"	1	55
20	Ken Corey-Edstrom	lil Johnny Rocket	F21-4	motor stayed in "rocket", but was unstable	1	55
21	Ken Corey-Edstrom	V2	D12-5	drag race	1	17
22	Tim Edstrom	Zeus	D12-5	good flight	1	17
23	Mike Erpelding	Mach 12	B6-4	good flight	1	5
24	Mike Erpelding	Stars & Stripes	C6-5	drag race	1	9
25	Mike Erpelding	Stars & Stripes	C6-5	drag race	1	9
26	Mike Erpelding	Minee glider	A3-4t	1st flight	1	2.5
27	Mike Erpelding	Mach 12	C6-5	good flight	1	9
28	Mike Erpelding	Saturn 1B	D12-3	sonic activated chute deployment	1	17
29	Mike Erpelding	Stomp Rocket	C6-5	good flight	1	9
30	Alan Estenson	Cherub	A10-3t	good flight	1	2.5
31	Alan Estenson	Harmonize	D12-5	good flight	1	17
32	Alan Estenson	Warrior 56	C6-5	good flight	1	9
33	Alan Estenson	Super Duper Blobbo	D12-5	roofed, but retrieved	1	17
34	Alan Estenson	EZC6-5	C6-5	good flight	1	9
35	Alan Estenson	Blossom	D12-5	Yes, it's a V2, good flight	1	17
36	Alan Estenson	Monolith	C5-3	"My God, it's full of stars!"	1	9.5
37	Karl Evenson	Mean Machine	D12-5	good flight	1	17
38	Karl Evenson	Viper IV	(2) E9-8		2	59
39	Karl Evenson	Pathfinder	D12-5	good flight	1	17
40	Karl Evenson	SR-71	C6-5	late ejection	1	9
41	Lee Frisvold	Mean Machine Clone	D12-3	good flight	1	17

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42	Lee Frisvold	WAC Corporal	C11-7	good flight	1	9
43	Lee Frisvold	Black Brant II	C11-7	good flight	1	9
44	Lee Frisvold	Tornado	A8-3	43rd flight!	1	2.5
45	Lee Frisvold	Zenith II	B6-0; B6-4	good flight	2	10
46	Lee Frisvold	Spin Fin	B6-4	first flight	1	5
47	Lee Frisvold	Semi Eliminator	E9-6	good flight	1	29.5
48	Lee Frisvold	V2	B6-4	kit from 1969	1	5
49	Lee Frisvold	Danger Ranger	(3) B6-4	good flight	3	15
50	Lee Frisvold	V2 Clone	D12-5	good flight	1	17
51	Alissa Hoyme	ExoSkell	C6-3	good flight	1	9
52	Alissa Hoyme	CC Express	C11-0; C11-7	nice flight, roofed sustainer on townhouses	2	18
53	Alissa Hoyme	Super Roc	B6-4	good flight	1	5
54	Ken Hoyme	Maxi Alpha III	D12-3	1st flight, separation	1	17
55	Ken Hoyme	SPEV	B6-4	built in about 1972	1	5
56	Ken Hoyme	Zenith II	B6-0; B6-6	did not stage	1	5
57	Ken Hoyme	Goblin	D12-5	good flight	1	17
58	Ken Hoyme	Maxi Alpha III	D12-3	wadded chute	1	17
59	Kirsten Hoyme	Alpha	B6-4	good flight	1	5
60	Kirsten Hoyme	WAC Corporal	E9-6	good flight	1	29.5
61	Kirsten Hoyme	Super Roc	B6-4		1	5
62	John Hunt	Tidal Wave	C6-5		1	9
63	John Hunt	SR-71	C6-3	very nice flight	1	9
64	Ellison Lenz	Super Glider	B6-4	drat you Red Baron!	1	5
65	Ellison Lenz	Deltie Thunder	D12-3	no pod separation, no glide	1	17
66	Ellison Lenz	Ecee Thunder	D12-3	arrowed in and went crunch	1	17
67	Ellison Lenz	CiCi	B6-2	it glides!	1	5
68	Ellison Lenz	Spool	D21-4	good flight	1	20
69	Ellison Lenz	Big Daddy	D12-5	good flight	1	17
70	Ellison Lenz	Teenie Weenie Meanie...	A ?	...Machinie	1	2.5
71	Ellison Lenz	Teenie Weenie Meanie...	B6-6	...Machinie	1	5
72	Stuart Lenz	Estes Space Shuttle	C6-3	good flight	1	9
73	Stuart Lenz	Goddard #1	A8-3	no chute	1	2.5
74	Stuart Lenz	Mean Machine	D12-3	good flight	1	17
75	Stuart Lenz	Super Vega Clone	D12-3	good flight	1	17
76	Stuart Lenz	1/4A Super Roc	1/4A3-3t	spit motor	1	0.63
77	Stuart Lenz	Patrol Cruiser Excalibur	C6-3	clone, nice flight	1	9
78	Stuart Lenz	1/4A Super Roc	1/4A3-3t	another fence post	1	0.63
79	Stuart Lenz	Luna 3	C6-3		1	9
80	Stuart Lenz	SS Cassiopeia	C6-3	clone, nice flight	1	9
81	Stuart Lenz	Baby Bertha	C6-3	good flight	1	9
82	Stuart Lenz	Orange #5	D12-3	separation	1	17

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83	Stuart Lenz	Luna 2	C6-3	good flight	1	9
84	Stuart Lenz	MASA Patriot	C6-3	good flight	1	9
85	Stuart Lenz	USS Atlantis	B6-4	clone, nice flight	1	5
86	Stuart Lenz	Tri Ringer	B6-4	good flight	1	5
87	Stuart Lenz	Hyperion	B6-4	good flight	1	5
88	Stuart Lenz	Estes Clone	D12-3	good flight	1	17
89	Stuart Lenz	Estes Clone	B6-4	good flight	1	5
90	Stuart Lenz	Estes Clone	B6-4	good flight	1	5
91	Glen Overby	Ringer	D12-5	good flight	1	17
92	Glen Overby	FRED	B6-0; B6-6	good flight	2	10
93	Glen Overby	FRED	D12-7	good flight	1	17
94	Glen Overby	Aerobee 300A	D12-5	nice flight, 560 ft	1	17
95	Glen Overby	Funky	C11-5	good flight	1	9
96	Glen Overby	Aerobee 300	D12-5	good flight	1	17
97	Joe Schneider	Tetrahedron	B6-4	good flight	1	5
98	Joe Schneider	NCR X-Wing	G80-4	chute didn't open, took it on the nose	1	120
99	Joe Schneider	Stingray 5 RCRG	D7	nice glide!	1	20
100	David Whitaker	Ecee Thunder	D12-3	nice glide!	1	17
101	David Whitaker	Sumo	G35-4	good flight	1	105
102	David Whitaker	TLP Lance	D12-7	good flight	1	17
103	David Whitaker	TLP Hellfire	D12-5	good flight	1	17
104	David Whitaker	Mine's Bigger!	D12-7	super roc, unstable!	1	17
105	David Whitaker	Joe Blow Super Roc	B6-6	good flight	1	5
106	David Whitaker	AMRAAM	C6-5		1	9
107	David Whitaker	CiCi	C6-3		1	9
108	Don Wiebold	Tinee	A10-3t	boink	1	2.5
109	Don Wiebold	F-14 Tomcat	C6-3	crash	1	9
110	Don Wiebold	Alpha ?	C6-5		1	9
111	Don Wiebold	Skywriter	C6-5		1	9
112	Don Wiebold	Fireflash	C6-5	good flight	1	9
113	Don Wiebold	F-14 Tomcat	C6-3		1	9
114	Don Wiebold	Mean Machine	D12-5	no chute	1	17
115	Don Wiebold	V2	D12-5	drag race	1	17
Total Flights: 115					123	1621.01
Total Motors: 123						
Total Impulse (N-s): 1621.01						
Average Impulse (N-s): 13.2						
Motor Distribution						
MM	0					
1/4 A	2					

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#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1/2 A	1					
	A	11				
	B	32				
	C	33				
	D	34				
	E	5				
	F	3				
	G	2				
	H	0				