

MASA launch, Blaine, October 27, 2001					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Neal Higgins	Viper	(3) C6-5		3	27
2	Ted Cochran	Ted's Testbed	(2) D12-3, D12-5	lit 'em all	3	51
3	Mark Thell	Legacy	F23-4		1	56
4	Steve Hum	AMRAAM 2	G64-7		1	120
5	Ron Hammer	Dude	D12-5	Dude. Dude? DUDE!	1	17
6	John Carlson	Cobra	(3) C5-3	30 year old rocket, first flight!	3	28.5
7	Ed Ryan	RD 3	H210		1	220
8	Dean Peterson	Initiator	F23-4		1	56
9	Dan Nestor	Initiator	F25-6		1	80
10	Dave Leininger	Snitch	F12	Quite a flight for a Snitch!	1	45
11	Doug DeBold	AMRAAM 2	G40-7		1	120
12	John Carlson	Ranger	(3) C6-3	30 year old rocket, first flight!	3	27
13	Ted Cochran	Big Daddy	D12-5, (4) A10-Pt	lit 'em all	5	27
14	Tim Bush	Ring Flock	D12-3	Deployed flock of 3 ring gliders	1	17
15	Ron Hammer	Super Big Bertha	D12-5		1	17
16	Charlie Curtsinger	Pheonix	(3) B6-2, C6-3	...and Ellison Lenz, 2nd flight	4	24
17	Dean Peterson	Honest John	E30-4		1	40
18	Steve Robb	Generic Rocket	H123-M		1	246.8
19	Damian Kostron	Saturn 1B	F12-3		1	45
20	Dave Leininger	Honest John	F40		1	80
21	Ed Ryan	Inter Changer	G80-7	listen for whistle	1	120
22	Ken Jarosch	Impulse	(2) D12-5	ignited 1 motor? Lawn darted then ejected	1	17
23	Kerry Hodges	Onyx Trail	G38-7	first flight	1	94
24	Ron Hammer	Super Big Bertha	E11-3		1	35
25	Doug DeBold	AMRAAM 2	G40-7		1	120
26	Ted Cochran	LOC IV	H210-M		1	220
27	Doug DeBold	Legacy	F20-4		1	64
28	Glen Overby	Nike-Cajun	E18-4		1	39
29	Doug Hembree	Mean Machine	D12-3		1	17
30	Tyler Peterson	Cheetah	D12-3		1	17
31	Kevin ?	Graduator	G64	first flight	1	120
32	Ron Hammer	Big Bertha	D21		1	20
33	Ellison Lenz	Aura	F50		1	80
34	Ted Nolen	Big Dog 2	G38-7		1	94
35	Alan Estenson	Big Bad Voodoo Daddy	D12-5, (2) C6-7		3	35
36	Dan Nestor	Blue Streak	H128-M		1	177.9
37	Steve Hum	Optima Clone	G64-7	much spitting & badness, destroyed motor casing	1	120
38	Michael Maurer	Big Daddy	E9-4		1	29.5
39	Ted Nolen	Punkiteer	D12-3	not aerodynamic by design (or stable)	1	17
40	Rick Vatsaas	Sam-XD	D12-0; C6-7	did not stage	1	17
41	Ellison Lenz	V2 Big	E9-6	delay too long, lawn darted then ejected	1	29.5
42	Ed Ryan	Inter Changer	G35-7		1	105
43	Ed Eastman	Magnum	D12-0; B6-6		2	22
44	Ken Jarosch	Initiator	F23-4		1	56
45	Doug DeBold	Legacy	F20-4		1	64
46	Doug DeBold	Big Betty	C6-3	no joy on arch attempt	1	9

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47	Glen Overby	No-Name Ring-finned Rkt	G80-7		1	120
48	Ron Hammer	PAC-3	E18		1	39
49	Dean Peterson	Commanche-3	D12-0; C6-0; B6-4	1st launch, lit all 3 stages!	3	31
50	Ken Jarosch	SUMO	G38-4	first flight	1	94
51	Kerry Hodges	Advanced Gabriel	E9-4, (2) C6-7	didn't light E, very underpowered, lawn darter	2	18
52	Jeff Hove	NCR Archer	H128-M		1	177.9
53	Larry Schwartz	BSD Horizon	H123-M	Successful level 1 cert flight!	1	246.8
54	Jeff Hove	Bic ARCAD	MicroMaxx		1	0.2
55	John Carlson	V2	B6-6	25 year old rocket	1	5
56	Paul Newswanger	Gnome	1/2A3-4t		1	1.25
57	Colleen Hansen	Colleen's Rocket	B6-4		1	5
58	Tyler Peterson	Firestreak	B6-4		1	5
59	Ellison Lenz	V2	D12-5		1	17
60	Andrew Nagahashi	Heatseeker	C6-3		1	9
61	John Carlson	2X Apogee II	B6-0; B6-6	3rd time was the charm	2	10
62	Ellison Lenz	Razor	B6-2		1	5
63	Ben Oelschlaeger	Bandit	C6-5		1	9
64	Jeff Hove	Mosquito	MicroMaxx		1	0.2
65	John Anderson	unknown	C6-5	lawn dart	1	9
66	Stuart Lenz	Mk109	B6-4	first flight	1	5
67	Randy Miller	ASP Kappa 9M	C6-5	first flight	1	9
68	Ken Jarosch	Interceptor	D12-5		1	17
69	Paul Newswanger	Firebird	B6-4	2nd flight, made from spare parts	1	5
70	John Carlson	V2	A8-3	25 year old rocket	1	2.5
71	Ingrid Vatsaas	Swedish Plumber	A8-3	contest flight	1	2.5
72	Teddy von Bevern	Skywinder	C6-3	2nd flight	1	9
73	Christian Vatsaas	Tiger	A8-3	contest flight	1	2.5
74	Ellison Lenz	Silver Comet	D12-5	first flight	1	17
75	Dave Erickson	White Streak	C6-3	first flight	1	9
76	Andrew Nagahashi	Rattler	C6-3		1	9
77	Kerry Hodges	Bullpuppy	B6-4	first flight	1	5
78	Colleen Hansen	Colleen's Rocket	C6-5		1	9
79	Stuart Lenz	Banshee	B6-4	first flight	1	5
80	John Anderson	SR-71	C6-5		1	9
81	Chad Link	Oops, I left my rockets...	C6-0; B6-4	...at the cabin	2	14
82	Craig Hansen	Alpha 3	A8-3	contest flight	1	2.5
83	Tim Bush	3fnc	A8-3	contest flight	1	2.5
84	Ellison Lenz	Widget	1/2A3		1	1.25
85	Kevin Cochran	ARV Condor	B6-4		1	5
86	Ingrid Vatsaas	Anole	A10-3t		1	2.5
87	Ellison Lenz	Aura	D12-5		1	17
88	Rick Vatsaas	Vinyl Pigskin of Porcine...	A10-3t	...Revenge	1	2.5
89	Doug Hembree	Skywinder	C6-3		1	9
90	Randy Miller	unknown	B6-2		1	5
91	Jeff Hove	1.1X Mosquito	(3) MicroMaxx	only lit 1 motor	1	0.2

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92	Michael Maurer	Fancy X	B6-4	30 year old rocket	1	5
93	Andrew Nagahashi	Mosquito	1/2A3	first flight	1	1.25
94	Ingrid Vatsaas	Lil' Swedish Plumber	A8-3	contest flight	1	2.5
95	Dan van Dyke	Sam-X	C6-0; B6-4		2	14
96	Christian Vatsaas	Tiger	A8-3	contest flight	1	2.5
97	Doug Hembree	Big Bertha	C6-3	2nd flight	1	9
98	Ed Eastman	Arrow-X	A8-3	contest flight	1	2.5
99	Stuart Lenz	SuperBird	B6-4	first flight	1	5
100	Ben Oelschlaeger	Bandit	B6-4	separated	1	5
101	Randy Miller	Phoenix	D12-3	first flight	1	17
102	Craig Hansen	Alpha 3	A8-3	contest flight	1	2.5
103	Rick Vatsaas	F22	C6-3		1	9
104	Dan Nolen	Firebird	C6-5		1	9
105	Nick Oelschlaeger	Alpha	B6-4		1	5
106	Teddy von Bevern	no name	B6-4		1	5
107	Teddy von Bevern	Skywinder	C6-3		1	9
108	Ellison Lenz and...	PGA	D12	... Charlie Curtsinger, clear body tube	1	17
109	Ellison Lenz	Silver Comet	E9-6		1	29.5
110	Dave Leiningner	Fireflash	D12-7		1	17
111	Paul Newswanger	Gnome	1/2A3		1	1.25
112	Ed Eastman	Arrow-X	A8-3	contest flight	1	2.5
113	Chad Link	Maniac	D12-5	first flight	1	17
114	Stuart Lenz	SuperBird	C6-5	2nd flight	1	9
115	Rick Vatsaas	Vinyl Pigskin of Porcine...	A10-3t	...Revenge	1	2.5
116	Christian Vatsaas	Moondog	A10-3t		1	2.5
117	Doug Hembree	Prowler	C6-3		1	9
118	Alan Estenson	Alpha	A6-4	contest flight	1	2.5
119	Rick Vatsaas	Big Daddy	D12-3	drag race	1	17
120	Dean Peterson	Big Daddy	D12-5	drag race	1	17
121	Jeff Hove	Big Daddy	D12-3	drag race	1	17
122	Ed Eastman	Arrow-X	A8-3	contest flight	1	2.5
123	Stuart Lenz	Pathfinder	D12	first flight	1	17
124	Alan Estenson	Stomp	B6-4		1	5
125	Paul Newswanger	Alpha 3 Charmelion	B6-4		1	5
126	Dan Nolen	Firebird	C6-5		1	9
127	Tim Bush	Mercury Redstone	D12-5		1	17
128	Michael Maurer	unknown	1/4A	separated	1	0.63
129	Nick Nolen	Alpha	C6-5		1	9
130	Stuart Lenz	Mk109	C6-5	unstable, drag race	1	9
131	Ellison Lenz	Banshee	C6-5	drag race	1	9
132	Tyler Peterson	Code Red	C6-3		1	9
Total Flights: 132					156	4418.63
Total Motors: 156						
Total Impulse (N-s): 4418.63						
Average Impulse (N-s): 28.3						

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#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
Motor Distribution						
MM	3					
1/4 A	1					
1/2A	4					
A	20					
B	26					
C	39					
D	29					
E	7					
F	10					
G	11					
H	6					