

MASA launch, White Bear Lake, November 17, 2001					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Alan Estenson	Fat Boy	C5-3	Fat Boy drag race, lost it to a tree	1	9.5
2	Brian Fergus	Fat Boy	C6-3	Fat Boy drag race	1	9
3	Glen Overby	Hardened Fat Boy	D12-3	Fat Boy drag race	1	17
4	Steve Robb	Fat Boy	C6-3	Fat Boy drag race, landed on roof (got it back later)	1	9
5	Dave Fergus	Boattail Fat Boy	C5-3	Fat Boy drag race	1	9.5
6	Lincoln Kibsguard	Fat Boy	D12-5	Fat Boy drag race	1	17
7	Alan Estenson	Stomp	B6-4	Stomp rocket drag race	1	5
8	Steve Robb	Stomp	B6-6	Stomp rocket drag race	1	5
9	Craig Hansen	Stomp	C6-3	Stomp rocket drag race	1	9
10	Hugh Hansen	Stomp	C6-3	Stomp rocket drag race	1	9
11	Dave Fergus	Stomp Stomp	C6-0; C6-5	Stomp rocket drag race, 2 stager	2	18
12	Phil Gibbens	Stomp	C6-3	Stomp rocket drag race	1	9
13	Art Gibbens	Stomp	C5-3	Stomp rocket drag race	1	9.5
14	Jeff Hove	Stomp Mk1 Mod 1	C6-5	Stomp rocket drag race	1	9
15	Dave Fergus	Tri-Stomp	(3) B6-4	3 engine cluster Stomp rocket - cool!	3	15
16	Dave Fergus	SR-72 Darkwing	1/2A3-2t	checking glide trim	1	1.25
17	Ellison & Stuart Lenz	Crest Rocket	1/2A3-4t		1	1.25
18	Ed Eastman	Stomp	A8-3	first flight	1	2.5
19	Alan Estenson	Monolith	C5-3	Once again, quite full of stars...	1	9.5
20	Phil Gibbens	BOINK	B6-4	first flight	1	5
21	Art Gibbens	Satellite Launcher	C5-3	old faithful	1	9.5
22	Ken Jarosch	Interceptor	D12-5		1	17
23	Dave Fergus	Boattail Fat Boy	C5-3		1	9.5
24	Dave Fergus	Apollo Test Capsule	B4-2	KosRox kit	1	5
25	Stuart Lenz	Mk109 Stingray	B6-2	unstable!	1	5
26	Ellison Lenz	Skywinder	B6-2	first flight	1	5
27	Craig Hansen	BOINK	C6-3	first flight, drag race	1	9
28	Hugh Hansen	BOINK	C6-3	first flight, drag race	1	9
29	Ed Eastman	Navaho	B6-0; B6-6		2	10
30	Alan Estenson	Minne-skeeter	B4-4		1	5
31	Dave Fergus	Stomp Stomp	B6-0; B6-4	2 stage stomp rocket, drag separation of nose cone?	2	10
32	Stuart Lenz	Banshee	C6-3	3rd launch	1	9
33	Ellison Lenz	Aura	D12-5		1	17
34	Jeff Hove	Centuri Taurus	C6-5	25 year old rocket	1	9
35	Phil Gibbens	Green Hornet	1/2A3-4t		1	1.25
36	Art Gibbens	America	B6-4	separation	1	5
37	Neal Higgins	Corkscrew	B6-4		1	5
38	Alan Estenson	Maniac	D12-5		1	17
39	Craig Hansen	Alpha 3	B6-4		1	5
40	Ellison Lenz	Widget	1/2A3-4t		1	1.25
41	Kevin Tarnowski	Code Red	C6-5		1	9
42	Kerry Hodges	2X Goblin	E11-4	nose first into pavement - ouch!	1	35
43	Ken Jarosch	Alien Space Probe	C5-3		1	9.5
44	Glen Overby	Aerobee 300	B6-4		1	5
45	Neal Higgins	NASP	C6-7	first flight	1	9

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46	Steve Robb	Alpha	B6-4		1	5
47	Stuart Lenz	Nova Payloader	A8-3	first flight	1	2.5
48	Craig Hansen	Athena	B6-4		1	5
49	Alan Estenson	Tangent	B4-4		1	5
50	Jeff Hove	Cloned Mosquito	MicroMaxx	Ejectable motor pod with streamer	1	0.2
51	Jeff Hove	Custom Cardboard	D12-3		1	17
52	Ken Jarosch	Super Big Bertha	D12-5		1	17
53	Stuart Lenz	Nova Payloader	A8-3	2nd launch with streamer	1	2.5
54	Neal Higgins	Check 6	D12-7		1	17
55	Russ Durkee	Cuda	D7	R/C BG	1	20
56	Ellison Lenz	Crest Rocket	1/2A3-4t		1	1.25
57	Stuart Lenz	Astrosat LSX	A8-3	first flight	1	2.5
58	Nick Oelschlaeger	Alpha	B6-6		1	5
59	Glen Overby	Hardened Fat Boy	E9-4		1	29.5
60	Dave Leininger	Snitch	E11		1	35
61	Ben Oelschlaeger	Bandit	B6-6		1	5
62	Kerry Hodges	Der Red Max - Clone	B6-4	Attack of the Clones!	1	5
63	Alan Estenson	Stomp	C6-5	streamer recovery (recovered from the roof)	1	9
64	Ed Eastman	Enterprise E	C6-3		1	9
65	Steve Robb	Stomp!	C6-3		1	9
66	Alan Estenson	Gopher Holes	D12-3	Grabbed by rocket-eating tree	1	17
67	Phil Gibbens	MASA Streamer Duration	1/2A3-2t		1	1.25
68	Art Gibbens	Stomp	1/2A6-2	31 year old engine!	1	1.25
69	Hugh Hansen	Gnome	A10-3t		1	2.5
70	Ed Eastman	Fat Boy	B6-2	Cartman!	1	5
71	Jeff Hove	Bic Arcas	MicroMaxx		1	0.2
72	Ellison Lenz	Aura	D12-5		1	17
73	Ben Oelschlaeger	Bandit	B6-6		1	5
74	Craig Hansen	Athena	B6-4		1	5
75	Russ Durkee	Astrocam	C6-7	"cheese!"	1	9
76	Phil Gibbens	Green Hornet	1/2A3-4t		1	1.25
77	Art Gibbens	Bull Pup	A8-3		1	1.25
78	Neal Higgins	Spinnaker	B6-4	square rocket	1	5
79	Glen Overby	Streamer Duration	1/2A3-4t		1	1.25
80	Ben Oelschlaeger	Bandit	B6-6		1	5
81	Art Gibbens	Satellite Launcher	B6-4		1	5
82	Jeff Hove	Completely Cardboard	E28-4		1	40
Total Flights: 82					87	733.4
Total Motors: 87						
Total Impulse (N-s): 733.4						
Average Impulse (N-s): 8.4						
Motor Distribution						
MM	2					
1/4 A	0					
1/2A	9					

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A	6					
B	30					
C	25					
D	11					
E	4					
F	0					
G	0					
H	0					