

MASA launch, White Bear Lake, February 23, 2002					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Alan Estenson	SD-1	A6-4	streamer duration rocket	1	2.5
2	Mike Martens	Fat Boy	C6-5	landed on school roof	1	9
3	Stuart Lenz	Stomp	C6-3		1	9
4	Alan Estenson	Invader	C6-0		1	9
5	Neal Higgins	Fineas J. Whoopie	B6-4	first flight	1	5
6	Jeff Hove	Completely Cardboard 2	D12-3	first flight	1	17
7	Dan Nolen	Manta	B6-4		1	5
8	Joe Schneider	Apogee streamer duration	1/4A6		1	0.63
9	Neal Higgins	Purple Haze	C6-5	first flight	1	9
10	Stuart Lenz	Pokemon	B6-4	1st flight, just barely!	1	5
11	Nick Nolen	Shark cruise missile	A10-3t	first flight	1	2.5
12	Glen Overby	Streamer Stomp rocket	B6-4		1	5
13	Nick Nolen	Alpha	B6-4		1	5
14	Ken Jarosch	Interceptor	C5-3		1	9.5
15	Dave Oberlander	Cheapskate	C6-5		1	9
16	Rick Vatsaas	Christmas in February	(2) B4-4	2 motor cluster - lit both	2	10
17	Neal Higgins	Fat Boy	C6-5	first flight	1	9
18	Mike Martens	Scorpion	B6-4		1	5
19	Alan Estenson	Firestreak	B4-4		1	5
20	Glen Overby	Hardened Fat Boy	D12-3		1	17
21	Stuart Lenz	Pepsi found parts	B6-4	1st flight, not overly stable, separated	1	5
22	Mike Erpelding	garbage rocket	C5-3	underpowered, did cruise missile, went boink	1	9.5
23	Sara Downham	S-Rocket	A8-3	1st rocket launch ever!	1	2.5
24	John Stenberg	Eliminator	D12-5	first flight	1	17
25	Dan Nolen	Venom	B6-4		1	5
26	Joe Schneider	Explorer Aquarius	D12-3	good flight	1	17
27	Alan Estenson	Really Ugly 1	B6-4	separated	1	5
28	Mike Downham	[unreadable]	C6-5		1	9
29	Lee Frisvold	Fat Boy	C6-3		1	9
30	Ken Jarosch	Firehawk	C5-3	10 year old rocket	1	9.5
31	Nick Nolen	Mini R2D2	A10-3t	drag race	1	2.5
32	Mike Martens	Mini R2D2	A10-3t	drag race	1	2.5
33	Stuart Lenz	Red #1	1/2A3-2t	1st flight, ejected engine	1	1.25
34	Dave Oberlander	Cheapskate	B6-4		1	5
35	Joe Schneider	Tie Fighter	C6-3	separated	1	9
36	Lee Frisvold	Corkscrew	C6-5		1	9
37	Neal Higgins	Ranger	(3) A8-3	lit 2 out of 3 motors	2	5
38	Sara Downham	S-Rocket	A8-3	2nd flight ever!	1	2.5
39	Ken Jarosch	Meteor	C6-5		1	9
40	Stuart Lenz	Red #2	1/2A3-2t	tube fins, first flight	1	1.25
41	Mike Downham	no name rocket	D12-5	ejected late, stuck in tree, carboard fin burned	1	17

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42	Dan Nolen	Bandit	B6-4		1	5
43	John Stenberg	Eliminator	D12-5	good flight	1	17
44	Lee Frisvold	Little Shorter Bertha	C6-5		1	9
45	Alan Estenson	Da Beast	D12-3	found parts rocket	1	17
46	Nick Nolen	Shark cruise missile	A10-3t		1	2.5
47	Lee Frisvold	Silver Comet	D12-5	no chute, but no real damage	1	17
48	Stuart Lenz	Pokemon	C6-3	2nd flight, cruise missile & impact behind flight line	1	9
49	Neal Higgins	Blobbo	D21-7		1	20
50	Rick Vatsaas	Christmas in February	(2) C6-5	lit both motors	2	18
51	Alan Estenson	Maniac	D12-5	D motor flight for Nartrek bronze level	1	17
52	Ken Jarosch	Super Big Bertha	D12-3	good flight	1	17
53	Jeff Hove	Bic Arcas	MicroMaxx	tiny parachute was too cold to open	1	0.2
54	Lee Frisvold	Silver Comet	D12-5		1	17
Total Flights: 54					57	466.33
Total Motors: 57						
Total Impulse (N-s): 466.33						
Average Impulse (N-s): 8.2						
Motor Distribution						
MM	1					
1/4 A	1					
1/2A	2					
A	9					
B	14					
C	18					
D	12					
E	0					
F	0					
G	0					
H	0					