

MASA picnic launch, Elk River, July 19, 2003					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	Ted Cochran	Broadsword	D12-3		1	17
2	Ted Cochran	Silver Comet	D12-3		1	17
3	Ed Eastman	Tinee	1/2A3-2t	blew off pod, still managed to glide	1	1.25
4	Ed Eastman	XF-52 Star Drake	C6-3		1	9
5	Ed Eastman	Fat Boy	C6-3		1	9
6	Ed Eastman	Crossbow Bolt Alpha	B6-4		1	5
7	Leif Eischen	Venus Probe	C5-3	drag race	1	9.5
8	Leif Eischen	Screamin' Mimi	D12-5	good flight	1	17
9	Leif Eischen	Deuce's Wild	(2) B6-4		2	10
10	Leif Eischen	Bullet	D12-3		1	17
11	Leif Eischen	Deuce's Wild	(2) C6-5	good flight	2	18
12	Tanner Eischen	Rascal	B4-4	good flight	1	5
13	Tanner Eischen	Venus Probe	C5-3	drag race	1	9.5
14	Travis Eischen	Venus Probe	C5-3	drag race	1	9.5
15	Mike Erpelding	Stars & Stripes	C6-5		1	9
16	Mike Erpelding	UFO	C6-0		1	9
17	Mike Erpelding	Heatseeker	B6-4		1	5
18	Lee Frisvold	Wicked Winnie	C6-5	wiggly	1	9
19	Lee Frisvold	Skywinder	C6-3		1	9
20	Art Gibbens	Sattilite Launcher	B6-4	good flight	1	5
21	Art Gibbens	Blue Thing	C6-5	first flight	1	9
22	Hannah Gibbens	Streader	1/2A3-4t	good flight	1	1.25
23	Philip Gibbens	Helicopter	1/4A3-3t		1	0.63
24	Philip Gibbens	Swinger	B4-2	unstable	1	5
25	Philip Gibbens	AstroSat LSX	C6-5	good flight	1	9
26	Ken Jarosch	Super Big Bertha	D12-5	good flight	1	17
27	Ken Jarosch	Alien Space Probe	C5-3	good flight	1	9.5
28	Ken Jarosch	Strike Fighter	C5-3	good flight	1	9.5
29	Russ Lindstrom	Comanche	C6-0: A8-3		2	11.5
30	Russ Lindstrom	Stealth Bomber	C6-7	cruise missile	1	9
31	Glen Overby	Aerobee 300	C6-5		1	9
32	Glen Overby	Aerobee 350	C6-5	"ouch"	1	9
33	David Whitaker	TLP Anubis	D12-7	first flight	1	17
34	David Whitaker	Alpha 3	B6-4		1	5
35	David Whitaker	CiCi	C6-3	good glide	1	9
<b>Total Flights: 35</b>					<b>38</b>	<b>330.13</b>
<b>Total Motors: 38</b>						
<b>Total Impulse (N-s): 330.13</b>						
<b>Average Impulse (N-s): 8.7</b>						
<b>Motor Distribution</b>						

MASA picnic launch, Elk River, July 19, 2003					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
MM	0					
1/4 A	1					
1/2 A	2					
A	1					
B	8					
C	20					
D	6					
E	0					
F	0					
G	0					
H	0					