

MASA launch, Elk River (Otsego VFW), September 29, 2001					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	David Fergus	Bullpup	C6-3		1	9
2	Steve Robb	Alpha	B6-4	red, white & blue!	1	5
3	David Fergus	Stomp Rocket	A8-3	BOINK!	1	2.5
4	Tim Bush	Gemini Thunder	D12-3	1 glider nosed in, the other flew on	1	17
5	Justin Harken	Airspike	E9-4	The blazed beauty	1	29.5
6	David Fergus	Photon Disruptor	C6-3		1	9
7	Steve Robb	Lampshade of Doom	F24		1	50
8	Glen Overby	Dart 9	B6-4		1	5
9	Matthew Ziebol	Skywinder	C6-5		1	9
10	Ted Cochran	Big Daddy	D12-3	first flight, landed right next to Ted's blanket	1	17
11	Ken Corey-Edstrom	Big Stomp	C6-0	did cruise missile imitation	1	9
12	Alan Estenson	Mini Patriot	1/2A3-2t		1	1.25
13	Alan Estenson	Der Big Red Max	B6-4		1	5
14	Glen Overby	Aerobee 300	C6-5		1	9
15	Marc Boeckman	Vikings Dream	E9-4		1	29.5
16	David Fergus	Warthog	F20-4		1	64
17	David Fergus	Snitch	C6-0		1	9
18	Justin Grainger	USA	E9-4		1	29.5
19	Ted Cochran	Big Daddy	E15-4	2nd flight	1	40
20	Alan Estenson	Python	E9-6	landed next to Alan's prep area	1	29.5
21	Alan Estenson	Serval	B4-4		1	5
22	Glen Overby	Aerobee 150A	D12-3		1	17
23	Ted Cochran	KosRox Mars Lander	D12-3	2 chutes	1	17
24	Steve Robb	Silver Comet	D12-5		1	17
25	Dan Nolen	Venom	C6-3		1	9
26	Randy Miller	no name	B6-4		1	5
27	Nick Nolen	Alpha	C6-3		1	9
28	Ted Cochran	Maniac	E9-6	motor donated by Hub Hobby Center	1	29.5
29	Alan Estenson	Maniac	E9-6	motor donated by Hub Hobby Center	1	29.5
30	Randy Miller	Quest Delta Clipper	C6-5	fence post	1	9
31	Joel Henry	ARM4S	D12-5	hanging on power lines	1	17
32	Steve Robb	Swinger II	D12-3	came spiraling in - hit SUV	1	17
33	Ted Cochran	Big Bertha	B4-4	first flight	1	5
34	Steven Sellers	Airspike	E9-4	"sudden death"	1	29.5
35	Marc Boeckman	(unreadable)	D12-5	big motor CATO!	1	17
36	Justin Harken	Airspike	E15-4		1	40
37	Anthony Maahs	Airspike	E9-4	"don't blow it up!"	1	29.5
38	Justin Grainger	USA	E15-4		1	40
39	Nick Nolen	R2-D2	1/4A3-3t	apogee approx. 3 feet	1	0.62
40	Alan Estenson	Big Bad Voodoo Daddy	E9-4		1	29.5
41	Ted Cochran	Broadsword	E15-4	early ejection - stripped chute - went thud	1	40
42	Dan Nolen	Gnome	1/4A3-3t		1	0.62
43	Ted Nolen	Big Dog 4	E9-8	lawn darted - delay way too long	1	29.5
44	Steve Robb	Swinger II	C6-3	hit a different truck!	1	9
45	Ken Corey-Edstrom	Enterprise E	D21-4	impressively scary	1	20
46	Alan Estenson	Fat Boy	D12-5		1	17

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47	Randy Miller	Fireflash	C6-5		1	9
48	Matthew Ziebol	Airspike	E15-4		1	40
49	Dan Nolen	Mongoose	B6-0; C6-5		2	14
50	Alex Hedrington	Dragons Hornet	E15-4	"please go up!"	1	40
51	Nick Nolen	R2-D2	A10-3t	much better flight	1	2.5
Total Flights: 51					52	972.49
Total Motors: 52						
Total Impulse (N-s): 972.49						
Average Impulse (N-s): 18.7						
Motor Distribution						
MM	0					
1/4 A	2					
1/2A	1					
A	2					
B	7					
C	12					
D	10					
E	16					
F	2					
G	0					
H	0					