

MASA launch, Blaine, August 2, 2002					Total #	Total
#	Name	Rocket	Motor(s)	Comment	Motors	Impulse
1	John Carlson	Prodyne Swallow	C6-3	30 year old rocket, ripped chute	1	9
2	John Carlson	Estes V2	C6-3	25 year old rocket	1	9
3	John Carlson	Centuri Gabriel	A8-3	20+ year old rocket	1	2.5
4	John Carlson	Estes LTV	C6-3	25 year old rocket, late ejection	1	9
5	John Carlson	Estes Starlab	B6-4	25 year old rocket	1	5
6	John Carlson	Estes Starship Nova	C6-5	20+ year old rocket	1	9
7	John Carlson	Estes Starship Vega	C6-3	25 year old rocket	1	9
8	John Carlson	Estes Bandit	B6-4	25 year old rocket, 53rd flight !	1	5
9	John Carlson	Estes Vigilante	B6-0; B6-6	20+ year old rocket, did not stage, lawndart in mud	1	5
10	John Carlson	Estes V2	C5-3	25 year old rocket	1	9.5
11	Ted Cochran	Machbuster	G55-15	WOW !!! 4th flight - not seen again...	1	125
12	Ted Cochran	Space Shuttle	C6-3	1st flight, some weathercocking, excellent glide	1	9
13	Ted Cochran	KosRox Mars Lander	D12-3	good flight	1	17
14	Ted Cochran	NCR Eliminator	F62-4	good flight	1	80
15	Ted Cochran	Quest Flat Cat	B6-2	nice glide	1	5
16	Ted Cochran	Holverson Swinger	C6-3	very loopy, lawn dart-ish ending	1	9
17	Alan Estenson	Xactron Projectile	C6-5	nice flight, whistled	1	9
18	Alan Estenson	EZC6-5	B6-4	good flight	1	5
19	Alan Estenson	Bullpup	B6-4	1st flight, went nice and straight	1	5
20	Alan Estenson	Dynamic Carrier	B4-4	delay was a bit long	1	5
21	Alan Estenson	CiCi	A8-3	nice glide	1	2.5
22	Alan Estenson	Super Duper V2	E9-6	super-duper absolutely perfect flight	1	29.5
23	Alan Estenson	Pathfinder	D12-5	good flight	1	17
24	Alan Estenson	Hercules	B6-0; B6-6	nice flight, good staging, went quite high	2	10
25	Alan Estenson	Super Duper Blobbo	E9-6	good flight	1	29.5
26	Alan Estenson	Super Duper Serval	E9-8	good flight	1	29.5
27	Alan Estenson	Long Shot	D12-0; C6-7	nice flight, good staging	2	26
28	Alan Estenson	Six Pack	D12-7	good flight, rescued from weeds along ditch	1	17
29	Alan Estenson	More Gopher Holes	E9-6	tube kinked, went horizontal into drainage ditch, RIP	1	29.5
30	Alan Estenson	Deltie	1/2A3-2t	27 second glide time	1	1.25
31	Alan Estenson	Chaparral	G38-7	nice flight, early ejection, separation, no damage	1	94
32	Alan Estenson	PAC-3	E15-4	1st flight, chuffed, late deploy but no damage	1	40
33	Alan Estenson	Deltie	A10-3t	NARTREK Silver boost glider flight, 47 seconds	1	2.5
34	Alan Estenson	Wicked Winnie	C5-3	1st flight, onboard altimeter	1	9.5
35	Alan Estenson	Wanderer	D12-5	good flight	1	17
36	Callie Kibsgaard	Corkscrew	C6-5		1	9
37	Callie Kibsgaard	Corkscrew	C6-5		1	9
38	Tom Lawell	Mustang	F20-7	good flight	1	64
39	Tom Lawell	Sam X	B6-0; C6-5		2	14
40	Tom Lawell	Quark	1/2A3-4t		1	1.25
41	Tom Lawell	Prowler	C6-5		1	9

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42	Dave Leininger	Honest John	G38	nice flight, early ejection	1	94
43	Dave Leininger	The Shadow	G54	altimeter dual deployment, separation	1	85
44	Ellison Lenz	SS	B6-4	first flight	1	5
45	Ellison Lenz	NORAD	F50-4	stuck in the rocket-eating trees	1	80
46	Ellison Lenz	Onyx	E15-4	first flight	1	40
47	Ellison Lenz	1.7x X-Ray	A8-5	separation	1	2.5
48	Ellison Lenz	Star Fiter	C6-5		1	9
49	Ellison Lenz	Executioner	E9-6	first flight	1	29.5
50	Ellison Lenz	Super Mini Fat Boy	A10		1	2.5
51	Ellison Lenz	Stomp	C6-5		1	9
52	Stuart Lenz	Cluster Tube Fin #8	(2) A8-3	1st flight, nice	2	5
53	Stuart Lenz	(blank)	(4) 1/2A3-2t	1st flight, lit only 1 motor, "needs more power"	1	1.25
54	Stuart Lenz	Scratch Glider	A8-3	1st flight, glided backwards	1	2.5
55	Stuart Lenz	Scratch Built	A8-3	first flight	1	2.5
56	Stuart Lenz	Mean Machine	D12-3	NARTREK Bronze D flight	1	17
57	Stuart Lenz	Scratch Built	C6-3	1st flight, unstable	1	9
58	Stuart Lenz	Orange Scratch Built	C6-3	first flight	1	9
59	Stuart Lenz	HL-20	A8-3	2nd flight	1	2.5
60	Stuart Lenz	Silver Streak	C6-3	2nd flight	1	9
61	Stuart Lenz	2 stage tubefin	B6-0; A8-3	1st flight, flew nicely	2	7.5
62	Stuart Lenz	Nike Smoke	C6-3	3rd flight	1	9
63	Stuart Lenz	Silver & Red Streak	C6-3	2nd flight	1	9
64	Stuart Lenz	US Air Force Cruise Missile	C6-3		1	9
65	Stuart Lenz	Sport Scale Saturn V	B6-4	first flight	1	5
66	Stuart Lenz	Black Cat Solar Flare	A8-3	unstable	1	2.5
67	Stuart Lenz	Delta Clipper	B6-4	first flight	1	5
68	Stuart Lenz	Gemini	C6-3	2nd flight	1	9
69	Larry Schwartz	Stretch Machbuster	D12-7	first flight	1	17
70	Larry Schwartz	Stretch D Fat Boy	D12-5		1	17
71	Larry Schwartz	Stretch D Fat Boy	D12-5		1	17
72	Larry Schwartz	Chaparral	G35-7	good flight	1	105
73	Larry Schwartz	Chaparral	G38-7	good flight	1	94
74	Ryan Schwartz	Nightwing	B6-6	low altitude, separation	1	5
75	Ryan Schwartz	Heliocopter	B6-4		1	5
76	Ryan Schwartz	Sam X	C6-0; B6-6	did not stage - lawn dart	1	9
77	Ryan Schwartz	Heliocopter	B6-4		1	5
78	Ryan Schwartz	Heliocopter	C6-5		1	9
79	Ryan Schwartz	AMRAAM	C6-5		1	9
80	Ryan Schwartz	Nightwing	C6-5		1	9
81	Dan vanDyke	Monarch	C6-5		1	9
82	Dan vanDyke	Ecee	A3-4t	nice glide	1	2.5

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83	Dan vanDyke	Tiny Pterodactyl	F23-7	good flight	1	56
Total Flights: 83					88	1640.75
Total Motors: 88						
Total Impulse (N-s): 1640.75						
Average Impulse (N-s): 18.6						
Motor Distribution						
MM	0					
1/4 A	0					
1/2A	3					
A	13					
B	17					
C	29					
D	9					
E	7					
F	4					
G	6					
H	0					