

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Anderson, Hunter	36D Squared	(2) D12-5		2	34
	Anderson, Hunter	Banshee	A8-3		1	2.5
	Anderson, Hunter	Big Daddy	D12-5	no chute	1	17
	Anderson, Hunter	Big Daddy	E28-7		1	40
	Anderson, Hunter	Big Daddy	E9-4	no eject	1	28.5
	Anderson, Hunter	Converter	C6-5	no chute	1	9
	Anderson, Hunter	Der Red Max	C6-5		1	9
	Anderson, Hunter	HL-20	C6-3		1	9
	Anderson, Hunter	Rubicon	D12-5		1	17
	Anderson, Hunter	Satellite Interceptor	C6-5		1	9
	Anderson, Hunter	Screamin Mimi	D12-3		1	17
	Anderson, Hunter	Screaming Eagle	C6-3	good flight	1	9
	Anderson, Hunter	Solar Warrior	A10-3t		1	2.5
	Anderson, Hunter	Thrush	E9-4		1	28.5
	Anderson, Hunter	Thush Two	A8-3	low altitude	1	2.5
	Anderson, Hunter	Twister	A8-3		1	2.5
	Anderson, Hunter	White Lightning	B6-4		1	5
	Anderson, Hunter Total					242
Count	17					
	Anderson, Kevin	Andromeda	F35-5		1	57.1
	Anderson, Kevin	Andromeda	F35-5	good flight	1	57.1
	Anderson, Kevin	ARV Condor	C6-3		1	9
	Anderson, Kevin	Goblin	D12-7		1	17
	Anderson, Kevin	Stardust	H123	good flight	1	223.6
	Anderson, Kevin	Stardust	H148	CATO - blow by (separation, unstable)	1	206
	Anderson, Kevin	Strike Fighter	C6-3		1	9
	Anderson, Kevin Total					578.8
Count	7					
	Anderson, Levi	Patriot	C6-5		1	9
	Anderson, Levi	Phoenix Bird	B6-4		1	5
	Anderson, Levi	Taser Twin	C6-5		1	9
	Anderson, Levi Total					23
Count	3					
	Barth, Artemis	Meteor	A8-3	good flight	1	2.5
	Barth, Artemis	Meteor	C6-5	good flight	1	2.5
	Barth, Artemis Total					5
Count	2					
	Barth, Drizzt	Big Bertha	B6-2	good flight	1	5
	Barth, Drizzt	Firecat	B6-4	separation	1	5
	Barth, Drizzt	Harmonize	D12-5	good flight	1	17

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Barth, Drizzt	Tangent	B4-4	core sample	1	5
	Barth, Drizzt	Tangent	B6-4	good flight	1	5
	Barth, Drizzt Total					37
Count	5					
	Bedford, Glenn	3FNC LPR	D12-5		1	17
	Bedford, Glenn	Blue Ninja	C11-3		1	9
	Bedford, Glenn	Deuces Wild	(2) C6-5	rod whip	2	18
	Bedford, Glenn	Firefox	D21-7	separation	1	20
	Bedford, Glenn	Kraken	C11-3		1	9
	Bedford, Glenn	Kraken	D12-5		1	17
	Bedford, Glenn	Morning Star	D12-5	Altimeter 1	1	17
	Bedford, Glenn	Renegade-D	D12-5	good flight	1	17
	Bedford, Glenn	Ricochet	C6-5	Altimeter 1	1	9
	Bedford, Glenn	Screamin Mimi	C11-3		1	9
	Bedford, Glenn	Space Ark Jr	D13-4		1	20
	Bedford, Glenn Total					162
Count	11					
	Bedford, Kevin	Falcon	C6-5		1	9
	Bedford, Kevin	Splashy Galaxy	B6-4	good flight	1	5
	Bedford, Kevin Total					14
Count	2					
	Boe, Caleb	AMRAAM	G53-7	good flight	1	90.9
	Boe, Caleb	Inver Thrills USLI	J449	4th flight, onboard instrumentation, looked great!	1	1261
	Boe, Caleb	Tethys	I195		1	396
	Boe, Caleb Total					1747.9
Count	3					
	Borchard, Craig	Mystic Buzz	G64-7		1	120
	Borchard, Craig	Mystic Stretch	H90-7		1	164.2
	Borchard, Craig Total					284.2
Count	2					
	Bowman, Craig	Meteor	B6-4		1	5
	Bowman, Craig	Patriot	C6-5		1	9
	Bowman, Craig	X-Caliber	H123-M	Level 1 cert flight - successful!	1	223.6
	Bowman, Craig Total					237.6
Count	3					
	Brown, Alex	Razor	A8-3	drag race	1	2.5
	Brown, Alex	Sport	A8-3	wadded chute	1	2.5
	Brown, Alex	White Blast	B6-4		1	5
	Brown, Alex	White Blast	C6-5		1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
Brown, Alex Total					19	
Count	4					
	Brown, Luke	Crusader	C6-3	unstable, impact then eject	1	9
	Brown, Luke	Nimbus	A8-3	drag race	1	2.5
	Brown, Luke	Nimbus	B6-4	separation	1	5
	Brown, Luke	Viper IV	(4) D12-5	good flight!	4	68
	Brown, Luke	Viper IV	(4) D12-5	good flight	4	68
Brown, Luke Total					152.5	
Count	5					
	Brown, Thomas	Blast	-	stomp rocket :-)	0	0
	Brown, Thomas	Purple Blast	B6-4		1	5
	Brown, Thomas	Purple Blast	C6-5		1	9
Brown, Thomas Total					14	
Count	3					
	Carlson, Andrew	Alpha III	A8-3	good flight	1	2.5
Carlson, Andrew Total					2.5	
Count	1					
	Carlson, Breelyn	Big Betty	B6-4		1	5
	Carlson, Breelyn	Espresso	A10-3t	good flight	1	2.5
	Carlson, Breelyn	Super Neon	B6-4	good flight	1	5
Carlson, Breelyn Total					12.5	
Count	3					
	Carlson, John	Blue Max	B6-4	good flight	1	5
	Carlson, John	D-Region Tomahawk	E9-6	late eject, separation	1	28.5
	Carlson, John	Mars Snooper II	B6-4	30+ year old rocket	1	5
	Carlson, John	QMR7 Starfighter	B6-4		1	5
	Carlson, John	Ruskie	B6-4	good flight	1	5
	Carlson, John	V2	B6-4	30+ year old rocket	1	5
	Carlson, John	Vanguard	B6-4	good flight	1	5
Carlson, John Total					58.5	
Count	7					
	Carlson, Quinn	AGM Striker	B6-4		1	5
	Carlson, Quinn	Vanguard	B6-4	good flight	1	5
Carlson, Quinn Total					10	
Count	2					
	Carpenter, Elliot	Gnat	1/2A3-2t		1	1.25
	Carpenter, Elliot	Mini Pyramid	C6-3		1	9
	Carpenter, Elliot	Sidewinder	B6-4	good flight	1	5
	Carpenter, Elliot	Sidewinder	C6-5	good flight	1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Carpenter, Elliot	Stomp Rocket	B6-4		1	5
	Carpenter, Elliot Total					29.25
Count					5	
	Carpenter, Todd	9" Pyramid	G77	drag race with Lyle: 1st off pad, 1st down	1	105
	Carpenter, Todd	Art Applewhite Pyramid	C6-3		1	9
	Carpenter, Todd	Big Bertha	B6-4	wadded chute	1	5
	Carpenter, Todd	Death Star	C6-3	good flight	1	9
	Carpenter, Todd	Flis Saucer Odysseus	A3-4t		1	2.5
	Carpenter, Todd	Fric n Frac	B6-0; B6-0		2	10
	Carpenter, Todd	Fric n Frac	C6-0; B6-0	UFO Drag Race	2	14
	Carpenter, Todd	Mercury Redstone	B6-4		1	5
	Carpenter, Todd	Odysseus	A3-4t	good flight	1	2.5
	Carpenter, Todd	Pyramid Rocketry 9"	G75-4	nice flight, chute on motor didn't open	1	136
	Carpenter, Todd	Screamin Mimi	D12-5		1	17
	Carpenter, Todd	Sidewinder	C6-5		1	9
	Carpenter, Todd	Steam Baby	B6-4	wadded chute	1	5
	Carpenter, Todd	Steam Baby	B6-4		1	5
	Carpenter, Todd	Steam Baby	B6-4	good flight	1	5
	Carpenter, Todd	Steam Comet	E28-4		1	40
	Carpenter, Todd	Steam Patrol Ship	MM		1	0.22
	Carpenter, Todd	Steam Ship One	D13-4	first flight	1	20
	Carpenter, Todd	Steam Ship One	D13-4	2nd flight - heads up!	1	20
	Carpenter, Todd	Steam Ship One	D13-4	good flight	1	20
	Carpenter, Todd	Steam Ship One	D13-7	late eject, lawn dart	1	20
	Carpenter, Todd	Steam Ship Patrol Excalibur	Micro Maxx	first flight	1	0.22
	Carpenter, Todd	Tethys	H165-M		1	165
	Carpenter, Todd	Tethys	H242-M	good flight!	1	232
	Carpenter, Todd	Tethys	H242-M	good flight	1	231.7
	Carpenter, Todd	Tethys	H250-M	Mojave Green!	1	220
	Carpenter, Todd Total					1308.14
Count					26	
	Cieslak, John	Interogator	D12-5	separation	1	17
	Cieslak, John Total					17
Count					1	
	Clifton, John	Aspire	D12-7	good flight	1	17
	Clifton, John	Auburn 2	D12-5	first flight	1	17
	Clifton, John	Auburn IIB	D12-5	good flight	1	17
	Clifton, John	Baby Bertha	B6-4	splashdown!	1	5
	Clifton, John	Blue Bertha	D12-5	1st flight, good	1	17
	Clifton, John	Blue Bertha	D12-5	good flight	1	17

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
	Clifton, John	Der Red Max	C6-5	good flight	1	9	
	Clifton, John	Hijacker	F20-4	good flight	1	64	
	Clifton, John	Hijacker	G40-7	good flight	1	97.1	
	Clifton, John	Hijacker	G40-7	good flight	1	97.1	
	Clifton, John	Photon Disruptor	B6-4	good flight	1	5	
	Clifton, John	RDR-1	F20-4	first flight	1	64	
	Clifton, John	RDR-1	F25-6	good flight	1	80	
	Clifton, John	Red Max	B6-4	good flight	1	5	
	Clifton, John	Red Max II	(2) D12-5	first flight	2	34	
	Clifton, John	Red Max II	(2) D12-5	good flight	2	34	
	Clifton, John	Sky Torpedo II	D12-5		1	17	
	Clifton, John	Sky Torpedo II	D12-7	late ejection	1	17	
	Clifton, John	Sport	B6-4	good flight	1	5	
	Clifton, John	Sport	C6-5	separation, core sample	1	9	
	Clifton, John	Venture	B6-4		1	5	
	Clifton, John Total						632.2
Count	21						
	Cochran, Ted	Big Bertha	B6-4		1	5	
	Cochran, Ted	Big Bertha	C6-5	contest flight	1	9	
	Cochran, Ted	Bumblebee	B4-4	good flight!	1	5	
	Cochran, Ted	Interceptor E	E20-4	good flight	1	35	
	Cochran, Ted Total						54
Count	4						
	Delahay, Kent	Big Bertha	D12-7	contest flight	1	17	
	Delahay, Kent	Big Bertha	E9-6		1	28.5	
	Delahay, Kent	Big Bertha 2-stage	D12-0; E9-6	1,974 feet	2	45.5	
	Delahay, Kent	Big Bertha 2-stage	D12-0; E9-6	good flight	2	45.5	
	Delahay, Kent Total						136.5
Count	4						
	Dexter	Blue Lite	D12-0; C11	vintage Omega 2-stager	2	26	
	Dexter	Fire Launcher	A8-3	good flight	1	2.5	
	Dexter	Skull	C6-5		1	9	
	Dexter	The Jet	A8-3	built in the 70s	1	2.5	
	Dexter Total						40
Count	4						
	Dunn, Kevin	Drago the Red	G126-8	camera, Altimeter One	1	116	
	Dunn, Kevin	Talondrome	G131-9		1	125.2	
	Dunn, Kevin Total						241.2
Count	2						

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Enrique, Victor	Fast Fire	B6-4	Victor from Brazil!	1	5
	Enrique, Victor	Fast Fire II	C6-5	good flight!	1	9
	Enrique, Victor Total				14	
Count	2					
	Erpelding, Ethan	Cruise Missile	A3-4t		1	2.5
	Erpelding, Ethan	Falcon	C6-5	kit received when joined NAR	1	9
	Erpelding, Ethan	Patriot	A6-4		1	2.5
	Erpelding, Ethan	Patriot	B6-4		1	5
	Erpelding, Ethan	Patriot	B6-4		1	5
	Erpelding, Ethan	Patriot	C6-5		1	9
	Erpelding, Ethan	Speed Freak	B6-2	62.4 mph	1	5
	Erpelding, Ethan Total				38	
Count	7					
	Erpelding, Mike	Alpha III	A6-4		1	2.5
	Erpelding, Mike	Alpha III	A6-4		1	2.5
	Erpelding, Mike	Alpha III	B6-2		1	5
	Erpelding, Mike	Estes NSA	B6-4		1	5
	Erpelding, Mike	Explorer	G79		1	129
	Erpelding, Mike	Nike Smoke	B6-4	went horizontal	1	5
	Erpelding, Mike	NSA	C6-5	good flight	1	9
	Erpelding, Mike	Pegasus	A6-4		1	2.5
	Erpelding, Mike	Stomp Rocket	B6-4	good flight	1	5
	Erpelding, Mike Total				165.5	
Count	9					
	Estenson, Alan	2008 Pumpkin Rocket	A10-3t	no chute	1	2.5
	Estenson, Alan	Aerobee Hi	A8-5	good flight	1	2.5
	Estenson, Alan	Baby Bertha	B4-4	duration contest flight	1	5
	Estenson, Alan	Baby Bertha	B6-4	duration contest flight	1	5
	Estenson, Alan	Back to Cool	E20-7	Crayon drag race	1	35
	Estenson, Alan	Back to Cool	E30-7	good flight	1	40
	Estenson, Alan	Birdie	A10-Pt	good flight	1	2.5
	Estenson, Alan	Blossom (V2)	D12-5	ejection a little late	1	17
	Estenson, Alan	Blossom (V2)	E20-7	arced way off to the west	1	35
	Estenson, Alan	Blue Bird Zero	D12-0; C6-5	good flight	2	26
	Estenson, Alan	Bullpup	B6-4	good flight	1	5
	Estenson, Alan	Chapparal	F25-9	good flight!	1	80
	Estenson, Alan	Cherokee-G	G64-7	built by Kent Peterson	1	120
	Estenson, Alan	CiCi	B4-2	decent glide	1	5
	Estenson, Alan	Cone of Doom	C6-0	unstable	1	9
	Estenson, Alan	Cone of Doom	C6-0	it's stable now!	1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Estenson, Alan	Cyclotron	I218-M	good flight	1	330
	Estenson, Alan	Der Big Red Max	C11-5	good flight	1	9
	Estenson, Alan	Der Grosser Vati	E9-4	good flight	1	28.5
	Estenson, Alan	Don't Know Jack	D12-3	first flight	1	17
	Estenson, Alan	Dragon-Nik Capsule	B6-0	weird flight	1	5
	Estenson, Alan	Dragon-Nik Capsule	C6-0	first flight	1	9
	Estenson, Alan	Dynamic Carrier	C6-5	good flight	1	9
	Estenson, Alan	Eight	H210-M	1st flight of the day	1	220
	Estenson, Alan	Explorer	H148-M	good flight!	1	206
	Estenson, Alan	Explorer	H242-M	landed 30 paces from pad after 2,000+ ft flight!	1	231.7
	Estenson, Alan	Extreme 29	F21-8	1,588 feet altitude	1	55
	Estenson, Alan	Fat Boy	C6-5	rod whip, cruise missile, lawn dart then eject	1	9
	Estenson, Alan	Golly	1/4A3-3t	good flight	1	0.63
	Estenson, Alan	Groove Tube	B4-4	good flight	1	5
	Estenson, Alan	Groove Tube	B6-4	good flight	1	5
	Estenson, Alan	Groove Tube 108	C6-5	wadded chute	1	9
	Estenson, Alan	Groove Tube 180	E9-6	good flight	1	28.5
	Estenson, Alan	Groove Tube 217	F40-10	late ejection	1	80
	Estenson, Alan	Hawk	D12-5	good flight	1	17
	Estenson, Alan	Hyper Baby Bertha	C11-5	first flight	1	9
	Estenson, Alan	Hyper Baby Bertha	D12-7	splashdown!	1	17
	Estenson, Alan	IO	F20-4	good flight	1	64
	Estenson, Alan	IPFI Corrigan	C6-3	rear ejection, good flight	1	9
	Estenson, Alan	IPFI Corrigan	D21-4	separation, lawn dart	1	20
	Estenson, Alan	I-roc	J420-M	good flight	1	658
	Estenson, Alan	Itasca	H165-M	good flight	1	165
	Estenson, Alan	Itasca	H180-M	good flight	1	218
	Estenson, Alan	Itasca	H210-M	good flight!	1	220
	Estenson, Alan	It's the Great Pumpkin...	I211-S	... Rocket, Charlie Brown!	1	441.6
	Estenson, Alan	Kadet Klone	B6-4	good flight	1	5
	Estenson, Alan	Kadet Klone	C6-5	good flight	1	9
	Estenson, Alan	iii Nuke	F25-9	good flight!	1	80
	Estenson, Alan	Maniac III	D12-7	first flight	1	17
	Estenson, Alan	MASA SPEV Saucer	C6-0	UFO Drag Race	1	9
	Estenson, Alan	Meteor	B4-4	good flight	1	5
	Estenson, Alan	Mini Patriot	A3-4t	good flight	1	2.5
	Estenson, Alan	Mini Patriot	A3-4t		1	2.5
	Estenson, Alan	MQ-2	A8-3	made of miscellaneous Quest parts	1	2.5
	Estenson, Alan	MQ-2	B6-4	lost its streamer	1	5
	Estenson, Alan	Nike-X	C6-5	good flight	1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Estenson, Alan	PAC-3	F21-6	Patriot!	1	55
	Estenson, Alan	Pac-Nik	B6-0	good flight	1	5
	Estenson, Alan	Pac-Nik	C6-0	first flight	1	9
	Estenson, Alan	Pheord X150	C6-0	UFO Drag Race	1	9
	Estenson, Alan	Planet Probe	B6-0	UFO Drag Race	1	5
	Estenson, Alan	Planet Probe	C6-0	good flight!	1	9
	Estenson, Alan	Planet Probe	C6-0	good flight	1	9
	Estenson, Alan	Planet Probe	C6-0	good flight	1	9
	Estenson, Alan	Polarized	C11-5	good flight	1	9
	Estenson, Alan	Python	D12-5	"North Pole"	1	17
	Estenson, Alan	Python	E20-7	"North Pole"	1	35
	Estenson, Alan	Razor	B4-4		1	5
	Estenson, Alan	Razzle Dazzle	D12-5	good flight	1	17
	Estenson, Alan	RQ-70	C6-3		1	9
	Estenson, Alan	Safety Third	D12-3	1st flight, good	1	17
	Estenson, Alan	Safety Third	D12-3	good flight	1	17
	Estenson, Alan	Safety Third	D12-3	redemption, good flight	1	17
	Estenson, Alan	Safety Third	E20-4	didn't like "more power", unstable	1	35
	Estenson, Alan	Six Pack	D12-7	contest flight	1	17
	Estenson, Alan	Snowball	B6-0	Snowball Fight drag race	1	5
	Estenson, Alan	Snowball	C6-0	Snowball Fight drag race	1	9
	Estenson, Alan	Snowflake	C6-0	first flight	1	9
	Estenson, Alan	Snowflake	C6-3	good flight	1	9
	Estenson, Alan	Solar Warrior	1/2A3-2t	good flight	1	1.25
	Estenson, Alan	Super Duper Blobbo	E9-6	good flight	1	28.5
	Estenson, Alan	Super Duper Serval	E9-8	good flight	1	28.5
	Estenson, Alan	Super Duper V2	F21-8	straight up!	1	55
	Estenson, Alan	Tube-Ces Wild	(2) C6-5	good flight	2	18
	Estenson, Alan	V2	D12-5	wadded chute	1	17
	Estenson, Alan	Viking 1	B6-4	first flight	1	5
	Estenson, Alan	Viking 1	C6-5	second flight	1	9
	Estenson, Alan	Viper IV	(4) E9-8	red, white & blue	4	114
	Estenson, Alan	Warrior 56	C6-5	good flight!	1	9
	Estenson, Alan	Warrior 56	C6-5	good flight	1	9
	Estenson, Alan	WYIARS	G80-13	OktoberFAST drag race	1	136.6
	Estenson, Alan Total					4408.78
Count	91					
	Feld, Chris	Callisto	H128	Successful Level 1 high power certification!	1	172.9
	Feld, Chris	HALO 18-1	A8-3	core sample	1	2.5
	Feld, Chris	HALO 18-1	A8-5	rear ejection	1	2.5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Feld, Chris	HALO 18-2	A8-3	wadded chute	1	2.5
	Feld, Chris	HALO 18-2	A8-3	no chute	1	2.5
	Feld, Chris	HALO 18-2	A8-3	rear ejection, good flight	1	2.5
	Feld, Chris	HALO 18-2	A8-3	good flight	1	2.5
	Feld, Chris	HALO 18-2	A8-3		1	2.5
	Feld, Chris	HALO 18-2	A8-5	wadded chute	1	2.5
	Feld, Chris	HALO 18-2	A8-5		1	2.5
	Feld, Chris	HALO 18-2	A8-5	good flight	1	2.5
	Feld, Chris	HALO 18-2	A8-5	contest flight	1	2.5
	Feld, Chris	HALO 18-2	A8-5	good flight	1	2.5
	Feld, Chris	HALO 18-2	B4-2	rear ejection	1	5
	Feld, Chris	HALO 18-2	B6-4	rear ejection	1	5
	Feld, Chris	HALO 18-2	C6-3	early ejection	1	9
	Feld, Chris	HALO 18-2	C6-5	good flight	1	9
	Feld, Chris	HALO 18-3	B4-2	rear ejection	1	5
	Feld, Chris	Unremarkable	D15-7	good flight	1	20
	Feld, Chris Total					255.9
Count	19					
	Flansburg, Jace	Alpha	B6-4	contest flight	1	5
	Flansburg, Jace	Alpha III	C6-5		1	9
	Flansburg, Jace	Amazon	C6-5		1	9
	Flansburg, Jace	Athena	B6-4		1	5
	Flansburg, Jace	Athena	B6-4		1	5
	Flansburg, Jace	Athena	C6-3	went really high!	1	9
	Flansburg, Jace	Birthday Rocket	B6-4	TIFI take-it fly-it rocket	1	5
	Flansburg, Jace	Birthday Rocket	B6-4		1	5
	Flansburg, Jace	Birthday Rocket	C6-5	good flight	1	9
	Flansburg, Jace	Birthday Rocket	C6-5	stuck on pad	1	9
	Flansburg, Jace	Black/Red TIFI	C6-3		1	9
	Flansburg, Jace	Blue/Orange Payloader	B6-4		1	5
	Flansburg, Jace	Blue/Orange Payloader	C6-5		1	9
	Flansburg, Jace	Custom	B6-4	1st launch	1	5
	Flansburg, Jace	First Flight Custom	C6-3		1	9
	Flansburg, Jace	Jace's TIFI rockets	C6-5	good flight!	1	9
	Flansburg, Jace	Patriot	B6-4		1	5
	Flansburg, Jace	Patriot	C6-3		1	9
	Flansburg, Jace	Planet Probe	B6-0	first flight	1	5
	Flansburg, Jace	Planet Probe	B6-0		1	5
	Flansburg, Jace	Purple Tube	C6-5		1	9
	Flansburg, Jace	Red & Black	C6-5	wadded chute	1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Flansburg, Jace	Shuttle Express	A8-3	first flight	1	2.5
	Flansburg, Jace	Shuttle Express	B6-4		1	5
	Flansburg, Jace	Shuttle Express	B6-4	separation	1	5
	Flansburg, Jace	Shuttle Express	C6-3	wadded chute, gliders beat rocket to the ground	1	9
	Flansburg, Jace	Shuttle Express	C6-5	good flight	1	9
	Flansburg, Jace	TiFi	B6-4		1	5
	Flansburg, Jace	Tube TiFi	B6-4	first flight	1	5
	Flansburg, Jace	Wizzard	A8-3	first flight	1	2.5
	Flansburg, Jace	Wizzard	B6-4		1	5
	Flansburg, Jace	Wizzard	C6-3	drag race	1	9
	Flansburg, Jace Total					215
Count	32					
	Flansburg, Jeff	Alpha	C6-5	contest flight	1	9
	Flansburg, Jeff	Alpha III	C6-5		1	9
	Flansburg, Jeff	Amazon	C6-5	good flight	1	9
	Flansburg, Jeff	Amazon	C6-5		1	9
	Flansburg, Jeff	CrossFire	C6-5	good flight!	1	9
	Flansburg, Jeff	CrossFire	C6-5	good flight!	1	9
	Flansburg, Jeff	Crossfire ISX	C6-5	good flight	1	9
	Flansburg, Jeff	Crossfire ISX	C6-5		1	9
	Flansburg, Jeff	CrossFire ISX	C6-5		1	9
	Flansburg, Jeff	EPM 010	C6-5	first flight	1	9
	Flansburg, Jeff	Taser	C6-3		1	9
	Flansburg, Jeff	Taser	C6-5		1	9
	Flansburg, Jeff	Wizzard	A8-3	first flight	1	2.5
	Flansburg, Jeff	Wizzard	C6-3	drag race	1	9
	Flansburg, Jeff Total					119.5
Count	14					
	Fredrick, Espen	Aqua Venom	B6-4		1	5
	Fredrick, Espen	Firebird	B6-4		1	5
	Fredrick, Espen	Firebird	C6-5	Awesome rocket	1	9
	Fredrick, Espen	Firebird	C6-5		1	9
	Fredrick, Espen Total					28
Count	4					
	Fredrick, Kris	Flying Fish	A8-3		1	2.5
	Fredrick, Kris	Flying Fish	A8-3		1	2.5
	Fredrick, Kris	Flying Fish	A8-3		1	2.5
	Fredrick, Kris	Swamp Rocket	F42-8		1	53
	Fredrick, Kris Total					60.5
Count	4					

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
	Fredrick, Owen	Phoenix Bird	A6-4		1	2.5	
	Fredrick, Owen	Phoenix Bird	B6-4		1	5	
	Fredrick, Owen	Phoenix Bird	B6-4		1	5	
	Fredrick, Owen	Phoenix Bird	C6-5		1	9	
	Fredrick, Owen Total						21.5
Count	4						
	Gibbens, Art	Orange & Black Thing	1/4A3-3t	first flight	1	1.25	
	Gibbens, Art	Snitch	C6-3	first flight	1	9	
	Gibbens, Art	Yankee	B6-6	good flight	1	5	
	Gibbens, Art Total						15.25
Count	3						
	Griswold, Blessing	Alpha	B6-4	good flight	1	5	
	Griswold, Blessing Total						5
Count	1						
	Griswold, Gideon	The Red Wonder	B6-4		1	5	
	Griswold, Gideon Total						5
Count	1						
	Griswold, Judah	Riptide	B6-4	good flight	1	5	
	Griswold, Judah Total						5
Count	1						
	Griswold, Mercy	Skywriter No. 2	B6-4	good flight	1	5	
	Griswold, Mercy Total						5
Count	1						
	Hause, Cole	Alpha	B6-4	first flight	1	5	
	Hause, Cole	Alpha III	A8-3	first flight	1	2.5	
	Hause, Cole	Nomad	A8-3	first flight	1	2.5	
	Hause, Cole Total						10
Count	3						
	Hause, Taylor	Alpha III	A8-3		1	2.5	
	Hause, Taylor	Payload One	A8-3	first flight	1	2.5	
	Hause, Taylor	Payload One	B6-4	good flight	1	5	
	Hause, Taylor Total						10
Count	3						
	HCA TARC Team	Romulan Warbird II	(2) D12-5, D12-7	932 ft	3	51	
	HCA TARC Team	Romulan Warbird II	(2) D12-5, E9-6	1044 ft	3	62.5	
	HCA TARC Team	Romulan Warbird II	(3) D12-5	399 ft	2	34	
	HCA TARC Team	Romulan Warbird II	(3) E9-6	1538 ft	3	85.5	
	HCA TARC Team Total						233
Count	4						

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Heaton, Scott	Adrian/Aidan's Baby Bertha	C6-5		1	9
	Heaton, Scott	Aidan's Chrome Dome	A8-3	good flight	1	2.5
	Heaton, Scott	Aidan's Chrome Dome	B6-4	good flight	1	5
	Heaton, Scott	Aidan's Deuces Wild	(2) C6-3	good flight	2	18
	Heaton, Scott	Aidan's Eliminator	E11-3	good flight	1	31.7
	Heaton, Scott	Aidan's Flash	C6-5	good flight	1	9
	Heaton, Scott	Aidan's Patriot	B6-4	good flight	1	5
	Heaton, Scott	Aidan's Sam-X	B6-0; B6-6	good flight	2	10
	Heaton, Scott	Aidan's Skywriter	A8-3		1	2.5
	Heaton, Scott	Aidan's Skywriter	B6-4	good flight	1	5
	Heaton, Scott	Aidan's Wacky Wiggler	C6-3		1	9
	Heaton, Scott	Aidan's Wacky Wiggler	C6-5		1	9
	Heaton, Scott	Aidan's X-Fire Blue	A8-3	good flight	1	2.5
	Heaton, Scott	Andy's Baby Bertha	C6-3	good flight	1	9
	Heaton, Scott	Andy's Bandit	A8-3	good flight	1	2.5
	Heaton, Scott	Andy's Blue X-Flyer	A8-3	tangled chute	1	2.5
	Heaton, Scott	Andy's Der Red Max	B6-4	good flight	1	5
	Heaton, Scott	Andy's Der Red Max	B6-4		1	5
	Heaton, Scott	Andy's Flash	C6-3	good flight	1	9
	Heaton, Scott	Big Bertha	D13-4	lawn dart	1	20
	Heaton, Scott	Big Bertha	D13-4		1	20
	Heaton, Scott	Big Blue Bird Zero	H97-10	good flight	1	177.3
	Heaton, Scott	Bullpup	B6-4	first flight	1	5
	Heaton, Scott	Deuces Halloween	(2) C6-5	good flight	2	18
	Heaton, Scott	Eliminator	E11-3		1	31.7
	Heaton, Scott	Green Tom	G71-4	CATO	0	0
	Heaton, Scott	Howie's Bandit	A8-3		1	2.5
	Heaton, Scott	Howie's Bandit	B6-4		1	5
	Heaton, Scott	Logan's Teeny Bertha	1/2A3-2t	good flight	1	1.25
	Heaton, Scott	Logan's X-Flyer	A8-3	good flight	1	2.5
	Heaton, Scott	Logan's X-Flyer	A8-3		1	2.5
	Heaton, Scott	Long Tom	B6-4	first flight	1	5
	Heaton, Scott	Mirage	G64-4	first flight	1	120
	Heaton, Scott	Nathan's Flash	B6-4	good flight	1	5
	Heaton, Scott	Nathan's Flash	C6-5		1	9
	Heaton, Scott	Nathan's Flash	C6-5		1	9
	Heaton, Scott	Super Big Bertha	F12-5		1	45
	Heaton, Scott	Super Big Bertha	F12-5	good flight	1	45
	Heaton, Scott	Super Big Guardian	H210-M		1	220
	Heaton, Scott	Tiny Bertha	A10-3t		1	2.5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Heaton, Scott	Tylor's Baby Bertha	B6-4		1	5
	Heaton, Scott	Tylor's Bandit	A8-3	good flight	1	2.5
	Heaton, Scott	Tylor's Chrome Dome	B6-4	good flight	1	5
	Heaton, Scott Total					909.95
Count	43					
	Heren, Andy	Avalear	C6-3	1st flight, good	1	9
	Heren, Andy	Baby Bertha	B6-4	good flight	1	5
	Heren, Andy	Big Bertha	C6-3	1st flight, good	1	9
	Heren, Andy	Big Betty	C6-3		1	9
	Heren, Andy	Cobalt	A8-3	good flight	1	2.5
	Heren, Andy	Flutter-By	A8-3	1st flight, good	1	2.5
	Heren, Andy	Harpoon	C6-5	good flight	1	9
	Heren, Andy	Ill' Ivan	C6-5	good flight	1	9
	Heren, Andy	SS Barracuda	C6-5	good flight	1	9
	Heren, Andy	Super Tiger	C6-5	1st flight, good	1	9
	Heren, Andy Total					73
Count	10					
	Higgins, Neal	Angry Bird	D12-5		1	17
	Higgins, Neal	Angry Bird	E20-7	shredded at ejection	1	35
	Higgins, Neal	Aramis	G79-10		1	108
	Higgins, Neal	Athos	F20-4		1	64
	Higgins, Neal	Athos	F42-4		1	53
	Higgins, Neal	Baby Bertha	B6-4	duration contest	1	5
	Higgins, Neal	Baby Bertha	B6-4	duration contest	1	5
	Higgins, Neal	Baby Bertha	C6-5		1	9
	Higgins, Neal	Birdie	A10-0t		1	2.5
	Higgins, Neal	Check Six	D12-7	good flight	1	17
	Higgins, Neal	Check Six	E9-8	straight up, long boost, beautiful flight	1	28.5
	Higgins, Neal	Comanche III	C11-0; C6-0; A8-5	Comanche Drag Race	3	20.5
	Higgins, Neal	Corkscrew	C6-7		1	9
	Higgins, Neal	Crayola	H165R	core sample, Crayon drag race	1	165
	Higgins, Neal	Der Mini Max	A3-4t	good flight	1	2.5
	Higgins, Neal	Der Red Max	A8-5		1	2.5
	Higgins, Neal	Der Red Max	C6-7		1	9
	Higgins, Neal	Der Red Max	D21-7	Wahoo!	1	20
	Higgins, Neal	Drake	D12-7		1	17
	Higgins, Neal	FEZ	A10-0t	Neal flies a fez now. Fezzes are cool!	1	2.5
	Higgins, Neal	Green Goblin	I215-M	early ejection	1	397
	Higgins, Neal	Green Goblin	I245G-M	good flight	1	334.1
	Higgins, Neal	Green Goblin	J250-M	good flight	1	711.6

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Higgins, Neal	Green Goblin	J500	4th flight	1	693.4
	Higgins, Neal	Kang	G80-10		1	137
	Higgins, Neal	Little Big Nuke	B6-6	unstable	1	5
	Higgins, Neal	Little Nuke	B6-6		1	5
	Higgins, Neal	Milhouse	F23-7	very late eject	1	41.2
	Higgins, Neal	Mini Max	A3-4t		1	2.5
	Higgins, Neal	Moya	F20-7	good flight	1	64
	Higgins, Neal	Night Whisper	C6-5	good flight	1	9
	Higgins, Neal	Norad	F20-4	good flight	1	64
	Higgins, Neal	NORAD	G80-10	CATO - OktoberFAST drag race	0	0
	Higgins, Neal	Nth Degree	H112	drogue deployed from motor eject, electronics failed	1	261
	Higgins, Neal	Red Baron	B6-4	good flight	1	5
	Higgins, Neal	Red, white & blue V2	C11-5	good flight	1	9
	Higgins, Neal	Rising Star	(3) C11-7	good flight	3	27
	Higgins, Neal	Smiley Saucer	C6-3	UFO Drag Race	1	9
	Higgins, Neal	Snowball 1	C6-0	Snowball Fight drag race	1	9
	Higgins, Neal	Snowball 2	C6-0	Snowball Fight drag race	1	9
	Higgins, Neal	Stonebreaker	D12-5	first flight	1	17
	Higgins, Neal	Stovi	F52-8	1st flight, good	1	78
	Higgins, Neal	Strato Cruiser II	C11-0; A8-5		2	11.5
	Higgins, Neal	Stratocruiser II	C11-0; A8-5	good flight	2	11.5
	Higgins, Neal	Texas Twister	A3-4t		1	2.5
	Higgins, Neal	Totally Tubular	E20-7	good flight	1	35
	Higgins, Neal	Totally Tubular	E20-7	good flight	1	35
	Higgins, Neal	Tres Super Alpha	(3) B6-6	only lit 1 motor, lawn dart then eject	1	5
	Higgins, Neal	Tres Super Alpha	(3) B6-6		3	15
	Higgins, Neal	Tres Super Alpha	(3) B6-6		3	15
	Higgins, Neal	UFFO	C6-3	arcing flight	1	9
	Higgins, Neal	Weasel	F20-7	good flight	1	64
	Higgins, Neal	Weasel	F20-7	contest flight	1	64
	Higgins, Neal	Woody	D12-5	birdhouse rocket	1	17
	Higgins, Neal Total					3764.3
Count	54					
	Hoyme, Alissa	Adfecta	C11-3	good flight	1	9
	Hoyme, Alissa	Baby Bertha	B6-4	stuck on pad	1	5
	Hoyme, Alissa	Baby Bertha	B6-4	duration contest flight	1	5
	Hoyme, Alissa	Baby Bertha	B6-4	duration contest flight	1	5
	Hoyme, Alissa	Executioner	E9-4	good flight	1	28.5
	Hoyme, Alissa	Nantucket Sound	C11-3		1	9
	Hoyme, Alissa	Nemesis	B4-4	separation	1	5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Hoyme, Alissa	Tumbleweed	1/2A3-2t		1	1.25
	Hoyme, Alissa Total					67.75
Count	8					
	Hoyme, Ken	AMRAAM 2	G40-7	first flight	1	97.1
	Hoyme, Ken	AMRAAM 2	G76-7	good flight	1	115
	Hoyme, Ken	Atomic	A8-3	good flight	1	2.5
	Hoyme, Ken	Atomic	B4-4		1	5
	Hoyme, Ken	Big Daddy	D12-3	clean flight	1	17
	Hoyme, Ken	Borealis	C6-3	first flight	1	9
	Hoyme, Ken	Borealis	C6-3		1	9
	Hoyme, Ken	Centurion	B6-4	red, white & blue	1	5
	Hoyme, Ken	Interrogator	D12-5		1	17
	Hoyme, Ken	Interrogator	D12-5	drag race	1	17
	Hoyme, Ken	Interrogator-D	D12-5	drag race	1	17
	Hoyme, Ken	LOC IV	H210-M	good flight	1	220
	Hoyme, Ken	Maxi Alpha 3	D12-5	good flight	1	17
	Hoyme, Ken	Maxi Alpha III	D12-3		1	17
	Hoyme, Ken	Mean Green	D12-5		1	17
	Hoyme, Ken	Mean Green	D12-5	good flight	1	17
	Hoyme, Ken	Mean Green	D15-4		1	20
	Hoyme, Ken	Mini LOC-IV	A8-3	good flight	1	2.5
	Hoyme, Ken	Skywriter	B6-4		1	5
	Hoyme, Ken	Skywriter	C6-5	good flight	1	9
	Hoyme, Ken	SLS Iil Hustler	E9-6	good flight	1	28.5
	Hoyme, Ken	SPEV	B6-4	tangled chute	1	5
	Hoyme, Ken	Tres	(3) B6-4		3	15
	Hoyme, Ken Total					683.6
Count	23					
	Hum, Steve	AMRAAM 2	G64-7	good flight	1	120
	Hum, Steve	Big Daddy	E28-4		1	40
	Hum, Steve	Big Daddy	F39-4		1	50
	Hum, Steve	Callisto	G52-5	good flight	1	78
	Hum, Steve	Callisto	G64-7	good flight	1	120
	Hum, Steve	Callisto	G80-7	OktoberFAST drag race	1	136.6
	Hum, Steve	Optima Clone	G76-7	good flight	1	115
	Hum, Steve	Phoenix	D15-4	good flight	1	20
	Hum, Steve	Silver Comet	E28-4	good flight	1	40
	Hum, Steve	Silver Comet	E28-4		1	40
	Hum, Steve	Strong Arm	G64-7	no chute	1	120
	Hum, Steve Total					879.6

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
Count	11						
	Karsten, Abbie	Skyhawker	B6-4	good flight	1	5	
	Karsten, Abbie Total					5	
Count	1						
	Karsten, Jill	Rusty	A8-3	science fair	1	2.5	
	Karsten, Jill Total					2.5	
Count	1						
	Karsten, Pat	Crossfire	A8-3	first flight	1	2.5	
	Karsten, Pat	FAA Special	C6-5	good flight	1	9	
	Karsten, Pat	Patriot	B6		1	5	
	Karsten, Pat	Riptide	C6-3	good flight	1	9	
	Karsten, Pat	Riptide	C6-5		1	9	
	Karsten, Pat	Riptide	C6-5		1	9	
	Karsten, Pat Total					43.5	
Count	6						
	Karsten, Peightyn	Jilly's Jello Factory	A8-3	1st flight, good	1	2.5	
	Karsten, Peightyn	Raleigh	A8-3	science fair	1	2.5	
	Karsten, Peightyn	Skyhawker	A8-3	first flight	1	2.5	
	Karsten, Peightyn Total					7.5	
Count	3						
	King, Ray	B Streamer	B6-4	good flight	1	5	
	King, Ray	Baby Bertha	B6-4	duration contest flight	1	5	
	King, Ray	Baby Bertha	B6-4	duration contest flight	1	5	
	King, Ray	Future Launch Vehicle	C6-5		1	9	
	King, Ray	Patriot	(2) C6-5	good flight	2	18	
	King, Ray	Patriot	C6-5	good flight	1	9	
	King, Ray	Spool	B4-2		1	5	
	King, Ray	Upscale Edmonds	D12-3	cruise missile, impact under thrust	1	17	
	King, Ray Total					73	
Count	8						
	Knox, Kurt	Alien Invader	C6-5	good flight	1	9	
	Knox, Kurt	Astron Ranger	(3) C6-5	lit 2	2	18	
	Knox, Kurt	Bandit	B6-4		1	5	
	Knox, Kurt	Bullpup 12D	B6-4		1	5	
	Knox, Kurt	Hang Time	B6-4	CMR break-away design, no chute	1	5	
	Knox, Kurt	Hang Time	C6-3	CMR break-away design, no chute	1	9	
	Knox, Kurt	Hi-Flyer	B6-4	first flight	1	5	
	Knox, Kurt	Photon Disruptor	C6-5	good flight	1	9	
	Knox, Kurt	Snowball	C6-3	Snowball Fight drag race	1	9	

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Knox, Kurt	Super Alpha	C6-5		1	9
	Knox, Kurt	Tazer Twin	C6-0; C6-7	good flight	2	18
	Knox, Kurt	White Elephant	C6-3	Merry Christmas!	1	9
	Knox, Kurt	White Elephant	C6-3		1	9
	Knox, Kurt	X-Prize Rubicon	D12-5		1	17
	Knox, Kurt Total					136
Count	14					
	Knox, Lucas	4th of July	A8-5		1	2.5
	Knox, Lucas	CrossFire ISX	C6-5	good flight	1	9
	Knox, Lucas	Herc-5	A8-3		1	2.5
	Knox, Lucas	Herc-5	C6-5		1	9
	Knox, Lucas	HERC-5	C6-5		1	9
	Knox, Lucas	Patriot Missile	C6-5	first flight	1	9
	Knox, Lucas	Snowball	C6-3		1	9
	Knox, Lucas	Solar Probe	C6-5	1st flight, good	1	9
	Knox, Lucas	Star Stryker	B6-4		1	5
	Knox, Lucas	Stingray	A8-3		1	2.5
	Knox, Lucas	Stormcaster	C11-3	early eject	1	9
	Knox, Lucas	Thunderstar	(2) C6-5	first flight	2	18
	Knox, Lucas Total					93.5
Count	12					
	Kramer, Lucas	CiCi	A3-4t	good flight	1	2.5
	Kramer, Lucas	CiCi lite	A3-4t	good flight	1	2.5
	Kramer, Lucas	CiCi lite	A3-4t	late eject, no glide	1	2.5
	Kramer, Lucas	Code Red	A8-3	good flight	1	2.5
	Kramer, Lucas Total					10
Count	4					
	Larson, Adrian	CC Express	D12-5	1st flight, good	1	17
	Larson, Adrian	MIRV	B6-0; (3) A10-3t	1st flight, good	4	12.5
	Larson, Adrian	Solar Flare	B6-0; A10-3t	first flight	2	7.5
	Larson, Adrian Total					37
Count	3					
	Lenz, Ellison	[unknown]	B6-4	good flight	1	5
	Lenz, Ellison	[unknown]	C6-3	good flight	1	9
	Lenz, Ellison	Aerofighter	C11-5	kit bash, good flight	1	9
	Lenz, Ellison	Baby Bertha	B6-4	good flight	1	5
	Lenz, Ellison	Big Daddy	F23-4	good flight!	1	56
	Lenz, Ellison	Big Daddy	F25-7	good flight!	1	80
	Lenz, Ellison	Bullpup	B6-2	good flight	1	5
	Lenz, Ellison	Gemini DC	C6-5		1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Lenz, Ellison	Honest John	F24-7		1	50
	Lenz, Ellison	Ion Robe	B6-4	good flight	1	5
	Lenz, Ellison	Legacy	G80-10	good flight!	1	120
	Lenz, Ellison	lil Nuke	F20-4	good flight!	1	64
	Lenz, Ellison	lil Nuke	G40-7	good flight!	1	97
	Lenz, Ellison	lil' Nuke	G38-7		1	94
	Lenz, Ellison	Luna 2	B6-4	good flight	1	5
	Lenz, Ellison	Norad	G64-10		1	120
	Lenz, Ellison	Norad	G76-4	CATO	1	115
	Lenz, Ellison	Onyx	G40-7		1	97
	Lenz, Ellison	Screamin Mimi	D12-5		1	17
	Lenz, Ellison	Screamin' Mimi	D12-5	separation	1	17
	Lenz, Ellison	Snitch	B6-4	good flight	1	5
	Lenz, Ellison	Snitch	C6-3	good flight	1	9
	Lenz, Ellison	Star Fighter	F24-7		1	50
	Lenz, Ellison	V2	D12-3	good flight!	1	17
	Lenz, Ellison	V2	D12-5	separation	1	17
	Lenz, Ellison	Weasel	F23-7		1	41
	Lenz, Ellison	Weasel	G40-10	good flight	1	120
	Lenz, Ellison	Xed Wing	C11-3	first flight	1	9
	Lenz, Ellison Total					1247
Count	28					
	Lenz, Stuart	#3	A10-3t		1	2.5
	Lenz, Stuart	#3	A10-3t		1	2.5
	Lenz, Stuart	1000lb Laser Guided Bomb	(3) C6-5	good flight!	3	27
	Lenz, Stuart	ACME Spitfire	D12-3	good flight!	1	17
	Lenz, Stuart	ACME Spitfire	D12-3	contest flight	1	17
	Lenz, Stuart	Alien 8	C6-3	tangled chute	1	9
	Lenz, Stuart	Andromeda Rebuild	C6-3		1	9
	Lenz, Stuart	Baby Bertha	A8-5	good flight	1	2.5
	Lenz, Stuart	Baby Bertha	B6-4	good flight	1	5
	Lenz, Stuart	Baby Bertha	B6-4		1	5
	Lenz, Stuart	Banshee	A8-3		1	2.5
	Lenz, Stuart	Bull Pub	B6-4		1	5
	Lenz, Stuart	Bull Pup	C6-5		1	9
	Lenz, Stuart	CC Express	D12-0; C11-5	good flight	2	26
	Lenz, Stuart	Cluster Bomb	B6-2	good flight	1	5
	Lenz, Stuart	Deuces Wild	(2) C6-5	good flight!	2	18
	Lenz, Stuart	Deuces Wild	(2) C6-5	good flight	2	18
	Lenz, Stuart	Dragon Ship 7	B6-2	wadded chute	1	5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Lenz, Stuart	Dragon Ship 7	C6-3		1	9
	Lenz, Stuart	Dragon Ship 7	C6-3	good flight	1	9
	Lenz, Stuart	Dragon Ship 8	(2) C6-3		2	18
	Lenz, Stuart	Dragon Ship 8	(2) C6-3		2	18
	Lenz, Stuart	Dragon Ship 8	(2) C6-3	1 motor lit	1	9
	Lenz, Stuart	Dragon Ship 8	(2) C6-3	good flight	2	18
	Lenz, Stuart	DragonShip 8	(2) C6-3	good flight	2	18
	Lenz, Stuart	Dragonship 8	(2) C6-3		2	18
	Lenz, Stuart	Fat Boy	1/2A3-2t	unstable	1	1.25
	Lenz, Stuart	Hypengen	G64-10	no eject, lawn dart	1	120
	Lenz, Stuart	Hypergen	G38-7		1	94
	Lenz, Stuart	Hypergen	G64-7	separation	1	120
	Lenz, Stuart	Hypersonic Transport	G40-4	good flight	1	97
	Lenz, Stuart	Interceptor	B6-4	good flight	1	5
	Lenz, Stuart	Legacy	G53-5		1	90.9
	Lenz, Stuart	Luna 2	B6-4	good flight	1	5
	Lenz, Stuart	Luna 2	B6-4		1	5
	Lenz, Stuart	Luna 3	B6-4		1	5
	Lenz, Stuart	Luna 3	B6-4		1	5
	Lenz, Stuart	Luna 3	C6-5		1	9
	Lenz, Stuart	Luna 3	C6-5	good flight	1	9
	Lenz, Stuart	Luna II	B6-4	good flight	1	5
	Lenz, Stuart	Mach 10	C6-3		1	9
	Lenz, Stuart	MASA Patriot	C6-5		1	9
	Lenz, Stuart	Mercury Redstone, Freedom 7	C6-3	much better!	1	9
	Lenz, Stuart	Mercury Redstone, Freedom 7	C6-5	long delay, suborbital arc, eject on impact	1	9
	Lenz, Stuart	Onyx	G40-4	good flight!	1	97
	Lenz, Stuart	Patriot Cruiser Excalibur	C6-3		1	9
	Lenz, Stuart	Patrol Cruiser Excaliber	C6-3	good flight	1	9
	Lenz, Stuart	Patrol Cruiser Excalibur	C6-3	good flight	1	9
	Lenz, Stuart	Pokemon 2	D12-5		1	17
	Lenz, Stuart	Pokemon I	D12-5	good flight	1	17
	Lenz, Stuart	Pokemon II	D12-5	good flight	1	17
	Lenz, Stuart	Saturn V	A10-3t	good flight!	1	2.5
	Lenz, Stuart	Saturn V	A8-3	unstable	1	2.5
	Lenz, Stuart	Silver Comet	D12-3		1	17
	Lenz, Stuart	Space Cruiser Excalibur	B6-2		1	5
	Lenz, Stuart	Space Cruiser Excalibur	C6-3		1	9
	Lenz, Stuart	SS Cassiopeia	B6-2		1	5
	Lenz, Stuart	SS Cassiopeia	C6-3		1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Lenz, Stuart	Star Rider	C6-5	good flight	1	9
	Lenz, Stuart	Stomp	A8-3	unstable	1	2.5
	Lenz, Stuart	Stomp	C6-5		1	9
	Lenz, Stuart	Stuart's Oddest Rocket	C6-3		1	9
	Lenz, Stuart	Sunward Spaceplane	C6-3	good flight	1	9
	Lenz, Stuart	Super Mosquito	B6-4	first flight	1	5
	Lenz, Stuart	US V2 Rand 6	B6-2		1	5
	Lenz, Stuart	V2 Test Round	C6-3	ballistic	1	9
	Lenz, Stuart	Vindicator	C6-5	good flight	1	9
	Lenz, Stuart	Wicked Winnie	C6-5	good flight!	1	9
	Lenz, Stuart	With Liberty	(3) D12-5	no chute	3	51
	Lenz, Stuart	X15	C11-3		1	9
	Lenz, Stuart	X15	C11-3		1	9
	Lenz, Stuart	X-42	(2) B6-4	good flight	2	10
	Lenz, Stuart	Yellow	B4-4		1	5
	Lenz, Stuart Total					1293.65
Count	73					
	Marple, Carol	Black Brant	G75		1	135.6
	Marple, Carol	Black Brant	H128	good flight	1	172.9
	Marple, Carol	Black Brant	H128-M	good flight!	1	173
	Marple, Carol	Endeavour - Rocket Girl	I161-M	good flight	1	328.7
	Marple, Carol	Endeavour "Rocket Girl"	J350-M	good flight!	1	697
	Marple, Carol	Endeavour "Rocket Girl"	J350-M	3rd flight on a J motor	1	651.7
	Marple, Carol Total					2158.9
Count	6					
	McDermott, Buzz	Aero Roc 3	(3) D12-5		3	51
	McDermott, Buzz	Area 51 UFO	C6-0		1	9
	McDermott, Buzz	Candy Striper	(3) D12-5	lit 1, lawn dart	1	17
	McDermott, Buzz	Executioner	E20-4	good flight!	1	35
	McDermott, Buzz	Executioner	E30-7		1	40
	McDermott, Buzz	Galactic Wave	D10		1	18.3
	McDermott, Buzz	Galactic Wave	D10-4	good flight!	1	18.3
	McDermott, Buzz	Helicopter	D12-5	good flight!	1	17
	McDermott, Buzz	HLV-1	D12-7		1	17
	McDermott, Buzz	Hustler	F32-8	good flight	1	56.9
	McDermott, Buzz	Interrogator-D	E15-4	drag race	1	40
	McDermott, Buzz	LTV Scout	B6-4	in-flight disassembly, 5-foot ejection	1	5
	McDermott, Buzz	Onyx	F20-4		1	64
	McDermott, Buzz	Onyx	F50-6		1	80
	McDermott, Buzz	Predator	G80-7	good flight	1	120

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	McDermott, Buzz	Predator	G80-7	OktoberFAST drag race	1	136.6
	McDermott, Buzz	Serval	C11-7		1	9
	McDermott, Buzz	Shenzou	B6-4	good flight	1	5
	McDermott, Buzz	SLS Arcas	F20-7		1	64
	McDermott, Buzz	SLS Hustler	F20-7		1	64
	McDermott, Buzz	SLS Hustler	F20-7	good flight	1	64
	McDermott, Buzz	SLS Hustler	F27-8		1	49.6
	McDermott, Buzz	SLS Hustler	F27-8		1	49.6
	McDermott, Buzz	TANG	G80-7	good flight	1	136.6
	McDermott, Buzz	The Bat	B6-0; A8-5	first flight	2	7.5
	McDermott, Buzz	Tuber	D12-0; D12-7		2	34
	McDermott, Buzz	USR AeroRoc-3	(3) E9-6	good flight	3	85.5
	McDermott, Buzz	Vindicator	C6-5	good flight	1	9
	McDermott, Buzz	Witches Night Out	C6-3	1st flight, good	1	9
	McDermott, Buzz Total					1311.9
Count	29					
	Merdan, Lyle	[unknown]	F32-6		1	56.9
	Merdan, Lyle	ARCAS	G40-7	first flight	1	97.1
	Merdan, Lyle	Big Daddy	D24		1	20
	Merdan, Lyle	Birdie	A10-3t		1	2.5
	Merdan, Lyle	ECEE	A3-4t	fast loop to the ground	1	2.5
	Merdan, Lyle	Frik n Frak	C6-0; C6-0	upper stage impacted under boost	2	18
	Merdan, Lyle	Galileo	A8-3	first flight	1	2.5
	Merdan, Lyle	Lifting Body Shuttle	B6-4		1	5
	Merdan, Lyle	Maxi Flyer	C11-5	pre-release Estes kit, bought at NARAM 53 auction	1	9
	Merdan, Lyle	Maxi Hi-Flier	D12-5	separation	1	17
	Merdan, Lyle	Quest Stine Rocket	A8-3		1	2.5
	Merdan, Lyle	Technicolor Pyramid...	G78-4	...of Death; drag race with Todd	1	109.9
	Merdan, Lyle	Technicolor Pyramid...	G79	...of Death	1	108
	Merdan, Lyle	WAC	C11-3	good flight	1	9
	Merdan, Lyle	Wicked Winnie	C6-3	372', 99mph, 11.1 g	1	9
	Merdan, Lyle	Wildman Jr	H143		1	247
	Merdan, Lyle	Zenit	1/2A3-2t		1	1.25
	Merdan, Lyle Total					717.15
Count	17					
	Miller, David	1:64 Saturn V	I284-7	awesome flight!	1	607.3
	Miller, David	Deep Space Probe	D12-3	future Sirius kit, good flight	1	17
	Miller, David	Eradicator	F60-7	future Sirius kit, good flight	1	75.9
	Miller, David	Interrogator-D	D12-5	drag race	1	17
	Miller, David Total					717.2

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
Count	4						
	Miller, Evie	Alpha III	A8-3	1st flight ever!	1	2.5	
	Miller, Evie	Alpha III	A8-5	good flight	1	2.5	
	Miller, Evie	Asteroid Probe	A8-3	"Flying Naked!"	1	2.5	
	Miller, Evie	Asteroid Probe	B6-4	good flight	1	5	
	Miller, Evie	Asteroid Probe	C6-5	good flight	1	9	
	Miller, Evie	Minute Man	A8-3	separation	1	2.5	
	Miller, Evie Total						24
Count	6						
	Moyle, Bob	Stretch Tiny Pterodactyl	F27-4		1	49.6	
	Moyle, Bob	Stretch Tiny Pterodactyl	F27-4	chute separated from rocket	1	49.6	
	Moyle, Bob Total						99.2
Count	2						
	Nguyen, Collin	Honest John	1/2A3-4t	unstable	1	1.25	
	Nguyen, Collin	Stars & Stripes	A8-3	1st flight ever!	1	2.5	
	Nguyen, Collin Total						3.75
Count	2						
	Overby, Glen	3FNC Payload	D12-3	first flight	1	17	
	Overby, Glen	Divide-by-Zero	D10-5	good flight	1	18.3	
	Overby, Glen	Get Lost!	D10-7		1	18.3	
	Overby, Glen	Tuber	C11-3		1	9	
	Overby, Glen Total						62.6
Count	4						
	Peterson, Howie	Naked Baby Bertha	B6-4	1st flight, good	1	5	
	Peterson, Howie	Naked Baby Bertha	C6-5		1	9	
	Peterson, Howie	Naked Baby Bertha	C6-5		1	9	
	Peterson, Howie	Naked Baby Bertha	C6-5		1	9	
	Peterson, Howie Total						32
Count	4						
	Peterson, Keely	Alpha	A8-3	first flight	1	2.5	
	Peterson, Keely	Into Great Unknown	A8-3	first flight	1	2.5	
	Peterson, Keely	Into Great Unknown	B6-4	good flight	1	5	
	Peterson, Keely Total						10
Count	3						
	Peterson, Kenneth	Alpha	A8-3		1	2.5	
	Peterson, Kenneth	Baby Bertha	B6-4		1	5	
	Peterson, Kenneth	Fat Boy	C6-3		1	9	
	Peterson, Kenneth	Little Joe	1/2A3-4t		1	1.25	
	Peterson, Kenneth	Little Joe	1/2A3-4t		1	1.25	

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Peterson, Kenneth	Tangent	C6-7		1	9
	Peterson, Kenneth	Wicked Winnie	C6-5		1	9
	Peterson, Kenneth	Zenith II	C6-0; B6-6		2	14
	Peterson, Kenneth Total					51
Count	8					
	Peterson, Kenny	Alpha	1/2A6-2	good flight!	1	1.25
	Peterson, Kenny	Alpha	1/2A6-2	good flight!	1	1.25
	Peterson, Kenny	Alpha	A8-3	good flight!	1	2.5
	Peterson, Kenny	Big Betty	C6-5	good flight	1	9
	Peterson, Kenny	Fat Boy	C6-3	good flight	1	9
	Peterson, Kenny	Honest John	D12-3	slow liftoff, low flight	1	17
	Peterson, Kenny	Tangent	C6-3	good flight	1	9
	Peterson, Kenny	Tomahawk	C6-3		1	9
	Peterson, Kenny	Tomahawk	C6-5		1	9
	Peterson, Kenny	Wicked Winnie	C6-5		1	9
	Peterson, Kenny	Zenith 2	B6-0; B6-6	good flight	2	10
	Peterson, Kenny	Zenith II	B6-0; B6-6	strange staging, unstable	2	10
	Peterson, Kenny Total					96
Count	12					
	Peterson, Kent	AMRAAM	D12-7	good flight!	1	17
	Peterson, Kent	Ariel	H242		1	232
	Peterson, Kent	Big Bertha	B6-4	good flight!	1	5
	Peterson, Kent	Big Bertha	B6-4		1	5
	Peterson, Kent	Big Bertha	D12-5	wadded chute	1	17
	Peterson, Kent	Big Bertha	D12-5		1	17
	Peterson, Kent	Big Betty	B6-4	good flight!	1	5
	Peterson, Kent	Big Betty	C6-3	good flight	1	9
	Peterson, Kent	Big Betty	C6-5		1	9
	Peterson, Kent	Black Brant	H123-M		1	223.6
	Peterson, Kent	Bruiser	J350-S	Level 2 cert flight - successful!	1	697
	Peterson, Kent	Cherokee D	D12-7		1	17
	Peterson, Kent	Cherokee-D	D12-7	marginally stable	1	17
	Peterson, Kent	Cherokee-D	D12-7	separation	1	17
	Peterson, Kent	Cherokee-D	D12-7		1	17
	Peterson, Kent	Cherokee-D	D12-7	good flight	1	17
	Peterson, Kent	Cherokee-D	D12-7	good flight	1	17
	Peterson, Kent	EZI-65	I161-M	good flight	1	328.7
	Peterson, Kent	EZI-65	I245	good flight	1	334.1
	Peterson, Kent	Forte	G64-7		1	120
	Peterson, Kent	Forte	G77-7		1	103

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
	Peterson, Kent	Graduator	G64-7		1	120	
	Peterson, Kent	Honest John	E18-4		1	39	
	Peterson, Kent	Ill Nuke	F32-10	late ejection	1	57	
	Peterson, Kent	LOC IV	G64-4	good flight!	1	120	
	Peterson, Kent	LOC IV	H128-M	successful L1 cert flight	1	173	
	Peterson, Kent	Matra	D12-7		1	17	
	Peterson, Kent	NCR Patriot	G64-4	good flight	1	120	
	Peterson, Kent	NCR Patriot	H97	late ejection	1	177.3	
	Peterson, Kent	Other-I	I161	good flight	1	328.7	
	Peterson, Kent	Other-I	I211	good flight	1	441.6	
	Peterson, Kent	Patriot	G71-4		1	107	
	Peterson, Kent	Patriot	H128	separation	1	172.9	
	Peterson, Kent	Patriot	H128	wadded chute	1	172.9	
	Peterson, Kent	Patriot	H128	good flight	1	172.9	
	Peterson, Kent	Phoenix	E9-6	lawn dart	1	28.5	
	Peterson, Kent	Sidewinder	D12-3	good flight!	1	17	
	Peterson, Kent	Sidewinder	D12-3	flew horizontal circle after motor burnout	1	17	
	Peterson, Kent	Sidewinder	D12-3	good flight	1	17	
	Peterson, Kent	Super Big Bertha	D12-3	good flight	1	17	
	Peterson, Kent	Super Big Bertha	D12-3	good flight	1	17	
	Peterson, Kent	Super Big Bertha	D12-3		1	17	
	Peterson, Kent	Super Big Bertha	D12-5	good flight	1	17	
	Peterson, Kent	Super Big Bertha	E18-4	lawn dart	1	39	
	Peterson, Kent	Tangent	B6-4		1	5	
	Peterson, Kent	Tangent	B6-4	good flight	1	5	
	Peterson, Kent	Tangent	C6-3	good flight	1	9	
	Peterson, Kent	Tangent	C6-5	good flight	1	9	
	Peterson, Kent	V2	D12-3	good flight	1	17	
	Peterson, Kent	V2	D12-3	good flight	1	17	
	Peterson, Kent	V2	D12-3	good flight	1	17	
	Peterson, Kent	V2	D12-5	good flight	1	17	
	Peterson, Kent	V-2	D12-3		1	17	
	Peterson, Kent	Wicked Winnie	C6-5	good flight!	1	9	
	Peterson, Kent	Zenith	A8-0; A8-5	good flight	2	5	
	Peterson, Kent Total						4757.2
Count	55						
	Podolyan, Daniel	Electricity	B6-4	good flight	1	5	
	Podolyan, Daniel	Electricity	B6-6	good flight	1	5	
	Podolyan, Daniel	Golden Nose	B6-4	unstable	1	5	
	Podolyan, Daniel	Hope	C6-5	unstable, late eject	1	9	

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Podolyan, Daniel	Purple Sword	C6-5	unstable	1	9
	Podolyan, Daniel	Special Golden Nose	B6-4	good flight	1	5
	Podolyan, Daniel	Star Wars	B6-4	good flight	1	5
	Podolyan, Daniel Total					43
Count	7					
	Podolyan, Eugene	Alien Space Ship	B6-4	unstable	1	5
	Podolyan, Eugene	Spaceship	B6-4	TIFI take-it fly-it rocket	1	5
	Podolyan, Eugene Total					10
Count	2					
	Pokorny, Jason	Baby Bertha	B6-4	caught on power lines	1	5
	Pokorny, Jason	Black Diamond	B6-4	contest flight	1	5
	Pokorny, Jason	Black Diamond	B6-6	good flight	1	5
	Pokorny, Jason	Black Diamond	C6-7		1	9
	Pokorny, Jason	Executioner	D12-3	underpowered	1	17
	Pokorny, Jason	Executioner	E9-6	no eject, lawn dart	1	28.5
	Pokorny, Jason	Flutter-By	B6-6		1	5
	Pokorny, Jason	Guardian	C6-5		1	9
	Pokorny, Jason	Guardian	C6-7	late eject	1	9
	Pokorny, Jason	Guardian	C6-7		1	9
	Pokorny, Jason	Iron Man	D12-3	first flight	1	17
	Pokorny, Jason	Magnum	(2) C6-7		2	18
	Pokorny, Jason	Photon Disruptor	B6-4		1	5
	Pokorny, Jason	Photon Probe	C6-7		1	9
	Pokorny, Jason	SR-71	D10-7		1	20
	Pokorny, Jason	Super Neon XL	D12-3	first flight	1	17
	Pokorny, Jason	Zenith II	B6-0; B6-6		2	10
	Pokorny, Jason	Zenith II	B6-0; B6-6	good flight	2	10
	Pokorny, Jason Total					207.5
Count	18					
	Ross, Chuck & Ian	Evil One	A8-5	non-member	1	2.5
	Ross, Chuck & Ian	Evil One	B6-4	non-member	1	5
	Ross, Chuck & Ian	Evil One	B6-4	non-member	1	5
	Ross, Chuck & Ian Total					12.5
Count	3					
	Ross, Ian	ATW - TIFI	A6-4	non-member	1	2.5
	Ross, Ian	ATW - TIFI	A8-5	non-member	1	2.5
	Ross, Ian	ATW - TIFI	A8-5	non-member	1	2.5
	Ross, Ian	ATW - TIFI	B6-4	non-member	1	5
	Ross, Ian	ATW - TIFI	B6-4	non-member	1	5
	Ross, Ian	Evil One	B6-4	non-member	1	5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
	Ross, Ian	Evil One	B6-4	non-member	1	5	
	Ross, Ian Total						27.5
Count	7						
	Schaffhausen, Dave	Baby Bertha	B6-4		1	5	
	Schaffhausen, Dave	Baby Bertha	B6-4		1	5	
	Schaffhausen, Dave	Baby Bertha	B6-4	duration contest flight	1	5	
	Schaffhausen, Dave	Baby Bertha	B6-4	good flight	1	5	
	Schaffhausen, Dave	Born of Fire	B6-4		1	5	
	Schaffhausen, Dave	Comanche	C6-5	good flight	1	9	
	Schaffhausen, Dave	Comanche 1	C6-5		1	9	
	Schaffhausen, Dave	Comet	D12-5	good flight!	1	17	
	Schaffhausen, Dave	Comet	D12-5	good flight	1	17	
	Schaffhausen, Dave	Comet	D12-5	with AltimeterOne on board	1	17	
	Schaffhausen, Dave	Crystalline Entity	D12-3	first flight	1	17	
	Schaffhausen, Dave	Crystalline Entity	F24-7	no eject, lawn dart	1	50	
	Schaffhausen, Dave	Deuces Wild	(2) C6-5	good flight	2	18	
	Schaffhausen, Dave	Diva	E9-6		1	28.5	
	Schaffhausen, Dave	Diya	D12-5	good flight!	1	17	
	Schaffhausen, Dave	Double Deuce	(2) C6-5	tangled chute	2	18	
	Schaffhausen, Dave	Executioner	D12-3	good flight!	1	17	
	Schaffhausen, Dave	Executioner	D12-3		1	17	
	Schaffhausen, Dave	Executioner	D12-5	good flight	1	17	
	Schaffhausen, Dave	Executioner	E9-6	late eject	1	28.5	
	Schaffhausen, Dave	Executioner	E9-6		1	28.5	
	Schaffhausen, Dave	G-Force	H128-S	good flight	1	172.9	
	Schaffhausen, Dave	Grappler	D12-3	first flight	1	17	
	Schaffhausen, Dave	Killer Crayon	G64		1	120	
	Schaffhausen, Dave	Mega Baron	D12-3	core sample, "explosion"	1	17	
	Schaffhausen, Dave	Ninja	H123-S		1	223.6	
	Schaffhausen, Dave	Omloid	C6-3		1	9	
	Schaffhausen, Dave	Omloid	C6-3	good flight	1	9	
	Schaffhausen, Dave	Omloid	C6-5	good flight!	1	9	
	Schaffhausen, Dave	Omloid	C6-5		1	9	
	Schaffhausen, Dave	Onyx	E23-5	good flight	1	37	
	Schaffhausen, Dave	Onyx	F40-4	no chute, no eject	1	80	
	Schaffhausen, Dave	Patriot	H128-S	good flight	1	172.9	
	Schaffhausen, Dave	Peace Maker	H123-S	good flight	1	223.6	
	Schaffhausen, Dave	Prospector	B6-4	good flight	1	5	
	Schaffhausen, Dave	Prospector	C6-5	good flight	1	9	
	Schaffhausen, Dave	Screamer	D12-5	good flight!	1	17	

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Schaffhausen, Dave	Screamer	D12-5	tangled chute	1	17
	Schaffhausen, Dave	Screamin' for Vengeance	D12-5	good flight	1	17
	Schaffhausen, Dave	Skywriter	C6-5	good flight	1	9
	Schaffhausen, Dave	Sputnik	B6-4		1	5
	Schaffhausen, Dave	Sputnik	C6-0	first flight	1	9
	Schaffhausen, Dave	Strong Arm	F52-8	good flight	1	78
	Schaffhausen, Dave	Super Neon XL	D12-5	rod locked	1	17
	Schaffhausen, Dave	Tubefinatic	D12-5	good flight!	1	17
	Schaffhausen, Dave Total					1650.5
Count	45					
	Schaffhausen, Dave & Nancy	Baby Bertha	C6-5	first flight	1	9
	Schaffhausen, Dave & Nancy Total					9
Count	1					
	Schaffhausen, Nancy	Baby Bertha	B6-4		1	5
	Schaffhausen, Nancy	Baby Bertha	B6-4	duration contest flight	1	5
	Schaffhausen, Nancy	Baby Bertha	B6-4	lawn dart, duration contest flight	1	5
	Schaffhausen, Nancy	Baby Bertha	C6-5	contest flight	1	9
	Schaffhausen, Nancy	Earth Angel	B6-4	good flight	1	5
	Schaffhausen, Nancy	Irene	A8-3	good flight	1	2.5
	Schaffhausen, Nancy	Lucky 7	A10-3t	good flight	1	2.5
	Schaffhausen, Nancy	Omloid	C6-3	good flight	1	9
	Schaffhausen, Nancy	Prospector	B6-4	Eureka!!	1	5
	Schaffhausen, Nancy	Prospector	B6-4		1	5
	Schaffhausen, Nancy	Prospector	C6-5	good flight	1	9
	Schaffhausen, Nancy	The Bluebird	1/4A3-3t		1	0.63
	Schaffhausen, Nancy Total					62.63
Count	12					
	Schwartz, Larry	2 stage AMRAAM	D12-0; C6-5		2	26
	Schwartz, Larry	2 stage D Fat Boy	D12-0; D12-7		2	34
	Schwartz, Larry	2-stage AMRAAM	D12-0; C6-5		2	26
	Schwartz, Larry	2-stage AMRAAM	D12-0; C6-5	good flight	2	26
	Schwartz, Larry	2-stage AMRAAM	D12-0; C6-7	good flight	2	26
	Schwartz, Larry	2-stage D Fatboy	D12-0; D12-7		2	34
	Schwartz, Larry	AMRAAM	C6-5		1	9
	Schwartz, Larry	AMRAAM	C6-5		1	9
	Schwartz, Larry	Arreaux	G64-7		1	120
	Schwartz, Larry	Arreaux	G80-10	OktoberFAST drag race	1	136.6
	Schwartz, Larry	Bullpup	E9	good flight	1	28.5
	Schwartz, Larry	Bullpup	E9-4		1	28.5
	Schwartz, Larry	Bullpup	E9-4		1	28.5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Schwartz, Larry	Bullpup	E9-4	good flight	1	28.5
	Schwartz, Larry	Helio Copter	C6-5		1	9
	Schwartz, Larry	Horizon	I211-M	whee!	1	442
	Schwartz, Larry	Nike Smoke	C6-5		1	9
	Schwartz, Larry	Nike Smoke	C6-5	good flight	1	9
	Schwartz, Larry	Nike Smoke	C6-5		1	9
	Schwartz, Larry	Nike Smoke	C6-7	good flight	1	9
	Schwartz, Larry	Shrox Something	D12-5		1	17
	Schwartz, Larry	Stiletto	D12-5		1	17
	Schwartz, Larry	Stretch D Fat Boy	D12-5		1	17
	Schwartz, Larry	Stretch D Fat Boy	D12-5		1	17
	Schwartz, Larry	Stretch D Fat Boy	D12-5		1	17
	Schwartz, Larry	Stretch D Fat Boy	D12-5		1	17
	Schwartz, Larry	Stretch D Fat Boy 2-stage	D12-0; D12-5		2	34
	Schwartz, Larry	Stretch D Fatboy	D12-5	good flight	1	17
	Schwartz, Larry Total					1200.6
Count	28					
	Schweim, Todd	Green Lantern	J275	Successful Level 2 certification!	1	774
	Schweim, Todd	S3 Parachute	A3-4t		1	2.5
	Schweim, Todd	S3 test model	A3-4t	took piston with it	1	2.5
	Schweim, Todd	S9 Helicopter	A3-4t	lawn dart	1	2.5
	Schweim, Todd Total					781.5
Count	4					
	Schwieger, Bonnie	Pinkie Fruity Flavor	A6-4	FITI	1	2.5
	Schwieger, Bonnie	Pinkie Fruity Flavor	A6-4	FITI	1	2.5
	Schwieger, Bonnie Total					5
Count	2					
	Schwieger, Warren	USA	A6-4	FITI	1	2.5
	Schwieger, Warren	USA	A6-4	FITI	1	2.5
	Schwieger, Warren Total					5
Count	2					
	Shmel, Dwayne	Art Applewhite Pyramid	C6-5		1	9
	Shmel, Dwayne	Art Applewhite Pyramid	D21-4	good flight	1	20
	Shmel, Dwayne	Cluster Bomb	D21-4	good flight!	1	20
	Shmel, Dwayne	Crayon	F24-7	good flight	1	50
	Shmel, Dwayne	Crayon Rocket	F35		1	57
	Shmel, Dwayne	Crayon Rocket	F35-8		1	57
	Shmel, Dwayne	Death Star	D13-4	splashdown!	1	20
	Shmel, Dwayne	Falcon	C6-5	good flight!	1	9
	Shmel, Dwayne	Initiator	G53-10	first flight	1	91

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Shmel, Dwayne	Karaken	I357	good flight	1	342
	Shmel, Dwayne	Legacy	G53-10		1	91
	Shmel, Dwayne	Legacy	G64-10		1	120
	Shmel, Dwayne	Lil Rascal	I161	1st flight, good	1	328.7
	Shmel, Dwayne	LOC IV	H163-7	wadded chute	1	166.3
	Shmel, Dwayne	Pumpkin Pi	H112	early ejection	1	261.1
	Shmel, Dwayne	Pyramid	C6-5		1	9
	Shmel, Dwayne	Pyrammid	G64		1	120
	Shmel, Dwayne	Roc-It	D12-3		1	17
	Shmel, Dwayne	Rock-It	F39-9		1	50
	Shmel, Dwayne	Sputnik	B6-0	first flight	1	5
	Shmel, Dwayne	Sputnik	B6-0	first flight	1	5
	Shmel, Dwayne	Sputnik	B6-4	drag race	1	5
	Shmel, Dwayne	Sputnik	B6-4	drag race	1	5
	Shmel, Dwayne	Stormcaster	F24-7	camera onboard	1	50
	Shmel, Dwayne	V2	E18-7	good flight	1	39
	Shmel, Dwayne	V2	F24-7		1	50
	Shmel, Dwayne	V2	F39-9	FAST!	1	50
	Shmel, Dwayne Total					2047.1
Count	27					
	Stenberg, Zackary	Big Bertha	C6-5	good flight	1	9
	Stenberg, Zackary	Chrome Dome	A8-3		1	2.5
	Stenberg, Zackary	Der Red Max	B6-4	no eject	1	5
	Stenberg, Zackary	Rocket Glider	B4-2	good flight	1	5
	Stenberg, Zackary	Sky Rider	A8-3		1	2.5
	Stenberg, Zackary Total					24
Count	5					
	Stone, Jason	VB Javelin	F42	1st flight, built in 1998	1	52.9
	Stone, Jason Total					52.9
Count	1					
	Taylor, Alyssa	Big Daddy	D12-5	good flight	1	17
	Taylor, Alyssa	Fantom	H128	good flight	1	172.9
	Taylor, Alyssa	Fantom	H128-M	successful L1 cert flight	1	173
	Taylor, Alyssa	Fantom	H165-M	good flight	1	165
	Taylor, Alyssa	Fantom	H165-M	good flight	1	165
	Taylor, Alyssa	Fat Boy	C6-3	stuck on pad	1	9
	Taylor, Alyssa	Fat Boy	C6-5	late ejection	1	9
	Taylor, Alyssa	LOC IV	H180-M	good flight	1	217.7
	Taylor, Alyssa Total					928.6
Count	8					

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
	Taylor, Jeff	Astron Spaceman	B6-4	UFO Drag Race	1	5	
	Taylor, Jeff	Big Baby Bertha	D12-5	first flight	1	17	
	Taylor, Jeff	Big Bertha	B6-4		1	5	
	Taylor, Jeff	Big Fat Boy	I218R	first flight	1	330	
	Taylor, Jeff	Centennial	C6-5	first flight	1	9	
	Taylor, Jeff	Centurion	D15-7		1	20	
	Taylor, Jeff	Honest Goon	C6-5	good flight	1	9	
	Taylor, Jeff	Interrogator	D12-5	drag race	1	17	
	Taylor, Jeff	Interrogator-D	D12-5	drag race	1	17	
	Taylor, Jeff	LOC IV	H250	good flight	1	219.5	
	Taylor, Jeff	LOC IV	H250		1	219.5	
	Taylor, Jeff	Sonic Shark	B6-4		1	5	
	Taylor, Jeff	Tres Fat Boy	(3) C6-5	1st flight, great!	3	27	
	Taylor, Jeff	Tweed-B	G80	OktoberFAST drag race	1	136.6	
	Taylor, Jeff Total						1036.6
Count	14						
	Thell, Mark	Alpha	C6-5		1	9	
	Thell, Mark	ARCAS	F24-4	first flight	1	50	
	Thell, Mark	Big Bertha	C6-3		1	9	
	Thell, Mark	Deltie	B4-2	good flight	1	5	
	Thell, Mark	Deltie	B6-2		1	5	
	Thell, Mark	Flat Cat	A8-3		1	2.5	
	Thell, Mark	Fly Baby	B6-2		1	5	
	Thell, Mark	Interceptor E	E9-4	perfect flight	1	28.5	
	Thell, Mark	IRIS	B6-4		1	5	
	Thell, Mark	Maniac	D12-5		1	17	
	Thell, Mark	Mega Viper	E9-4		1	28.5	
	Thell, Mark	Navaho AGM	B6-0; B6-6		2	10	
	Thell, Mark	Navaho AGM	C6-0; B6-6		2	14	
	Thell, Mark	SLS Hustler	E9-4		1	28.5	
	Thell, Mark	Swift	1/2A6-2		1	1.25	
	Thell, Mark	Tartar	C6-5	first flight	1	9	
	Thell, Mark	Tres	(3) C6-5		3	27	
	Thell, Mark	X-Ray	A8-3	first flight	1	2.5	
	Thell, Mark Total						256.75
Count	18						
	Uhlenkamp, Brian	1987	G64-4	good flight	1	120	
	Uhlenkamp, Brian	1988 Patriot	G64-4	good flight	1	120	
	Uhlenkamp, Brian	ARCAS	G38-7	good flight	1	94	
	Uhlenkamp, Brian	ARCAS	G53-7	good flight	1	90.9	

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Uhlenkamp, Brian	AstroCam	C6-5	with keychain video camera	1	9
	Uhlenkamp, Brian	Challenger II	D12-7	clone	1	17
	Uhlenkamp, Brian	Challenger II Clone	D12-7	good flight	1	17
	Uhlenkamp, Brian	Mean Machine	E20-7	good flight	1	35
	Uhlenkamp, Brian	Mean Machine	E20-7	with onboard video camera	1	35
	Uhlenkamp, Brian	Thini Mini	A3-4t	good flight	1	2.5
	Uhlenkamp, Brian	Thini Mini	A3-4t	good flight	1	2.5
	Uhlenkamp, Brian Total					542.9
Count	11					
	Uhlenkamp, Julia	Firestreak SST	A10-3t	good flight	1	2.5
	Uhlenkamp, Julia	Gold Strike	B4-4	good flight	1	5
	Uhlenkamp, Julia	Metalizer	C6-5	good flight	1	9
	Uhlenkamp, Julia	Metalizer	C6-5	good flight	1	9
	Uhlenkamp, Julia	Silver Streak	A3-4t		1	2.5
	Uhlenkamp, Julia Total					28
Count	5					
	Uhlenkamp, Lukas	Cosmic Cobra	C6-3	wadded chute	1	9
	Uhlenkamp, Lukas	Cosmic Cobra	C6-3		1	9
	Uhlenkamp, Lukas	Customizer	C6-3	with Cheez-Its payload	1	9
	Uhlenkamp, Lukas	Eggs Caliber	D12-3	egg survived!	1	17
	Uhlenkamp, Lukas	Eggscaliber	D12-3	good flight	1	17
	Uhlenkamp, Lukas	Hornet	B6-4	good flight	1	5
	Uhlenkamp, Lukas	Lukalizer	D12-5	good flight	1	17
	Uhlenkamp, Lukas	Lukalizer	D12-5		1	17
	Uhlenkamp, Lukas	Mongoose	B6-0; B6-6	good flight	2	10
	Uhlenkamp, Lukas	Phoenix Bird	B6-4		1	5
	Uhlenkamp, Lukas	Planet Probe	B6-0	good flight	1	5
	Uhlenkamp, Lukas	Triton X	C6-5	stuck on pad	1	9
	Uhlenkamp, Lukas Total					129
Count	12					
	Vickers, Elliot	Baby Bertha Glider	A8-3	good flight	1	2.5
	Vickers, Elliot	Corkscrew	B4-2		1	5
	Vickers, Elliot	Sidewinder	C6-5		1	9
	Vickers, Elliot	Steam Comet	D12-3	good flight	1	17
	Vickers, Elliot	Steam Comet	D12-3		1	17
	Vickers, Elliot Total					50.5
Count	5					
	Vorliecek, Jill	Flying Polar Bear	A8-3	science fair	1	2.5
	Vorliecek, Jill	Plain White Tees	A8-3	science fair	1	2.5
	Vorliecek, Jill	tootafriba	A8-3	science fair	1	2.5

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
Vorlicek, Jill Total					7.5	
Count	3					
	Vyas, Anand	Patriot	H225	Successful Level 1 certification!	1	273.2
	Vyas, Anand	Salvaged Squire	B6-6	good flight	1	5
Vyas, Anand Total					278.2	
Count	2					
	Weismann, Charlie	Comanche-3	D12-0; B6-0; A8-3	no sustainer ignition, lawn dart	2	22
	Weismann, Charlie	Homestar Rocket	C6-5		1	9
	Weismann, Charlie	Laser-X	C6-3		1	9
	Weismann, Charlie	NRS Tube Sock	C6-5	good flight	1	9
	Weismann, Charlie	Red Probe	A8-3		1	2.5
	Weismann, Charlie	SIDI	B6-4	good flight	1	5
Weismann, Charlie Total					56.5	
Count	6					
	Weismann, Henry	Grass Hopper	A8-3		1	2.5
	Weismann, Henry	Jayhawk	B6-4		1	5
	Weismann, Henry	Rainbow Demolition	A8-3	good flight	1	2.5
	Weismann, Henry	USA Missile	B6-0; A8-3		2	7.5
Weismann, Henry Total					17.5	
Count	4					
	Weismann, Joe	MABEL	A10-3t		1	2.5
	Weismann, Joe	Marimek-et	C6-5	good flight	1	9
	Weismann, Joe	Skymaster II	B6-0; A6-4	good flight	2	7.5
Weismann, Joe Total					19	
Count	3					
	Weismann, John	Orbital Transport	B6-4	40+ years old, core sample	1	5
Weismann, John Total					5	
Count	1					
	Wekmann, Jake	Grey Matter	C6-5		1	9
Wekmann, Jake Total					9	
Count	1					
	Whitaker, David	A-10 Attack	B4-2	precision landing	1	5
	Whitaker, David	A-10 Attack!	B4-2	good flight	1	5
	Whitaker, David	AMRAAM 2	G64-7	good flight!	1	120
	Whitaker, David	AMRAAM 2.5	H124	hybrid, good flight	1	225
	Whitaker, David	Centurion	C6-3	good flight	1	9
	Whitaker, David	Centurion	C6-5	good flight!	1	9
	Whitaker, David	Comanche III	D12-0; B6-0; B6-6	Comanche Drag Race	3	27
	Whitaker, David	Fat Boy	C6-3		1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse
	Whitaker, David	Goony Bird Witch Hazel	C6-5		1	9
	Whitaker, David	Hybrid Farty Pants of Death	I147	good flight	1	519
	Whitaker, David	Matra	D12-5	good flight!	1	17
	Whitaker, David	Mini Magg	H220	good flight	1	220
	Whitaker, David	Mini Magg	H250G	good flight	1	219.5
	Whitaker, David	Praetor	C6-5	good flight!	1	9
	Whitaker, David	Red Baron Glider	A8-3	good flight!	1	2.5
	Whitaker, David	RRR Starliner	B6-4		1	5
	Whitaker, David	Sidewinder	C6-3	good flight	1	9
	Whitaker, David	Skyslash glider	1/2A6-2		1	1.25
	Whitaker, David	Talon 2	G104-6		1	81.5
	Whitaker, David	Talon 2	G80-7	OktoberFAST drag race	1	136.6
	Whitaker, David	Tiny Pterodactyl	F20-7	late ejection	1	64
	Whitaker, David	USS Prometheus	C6-5		1	9
	Whitaker, David	Viper III	(3) D12-7		3	51
	Whitaker, David	X-15	C6-5	tangled chute	1	9
	Whitaker, David	X-15	C6-5		1	9
	Whitaker, David	X-15	C6-5	good flight	1	9
	Whitaker, David Total					1789.35
Count	26					
	Wirth, Ron	Aero Dart	E9-6	good flight	1	28.5
	Wirth, Ron	Alien 8	C6-5	good flight	1	9
	Wirth, Ron	Alien Troop Mover	D12-5		1	17
	Wirth, Ron	Arapahoe E	D12-5	good flight	1	17
	Wirth, Ron	Astral Lance	E9-8		1	28.5
	Wirth, Ron	Astrobee 350	B6-6	good flight	1	5
	Wirth, Ron	Big Daddy	E9-6	good flight	1	28.5
	Wirth, Ron	Der Fat Max	C6-3	separation	1	9
	Wirth, Ron	Der Red Max	B6-4	first flight	1	5
	Wirth, Ron	Der Red Max	C6-3	good flight	1	9
	Wirth, Ron	Dog Fight	B6-2	good flight	1	5
	Wirth, Ron	Executioner	E9-4	1st flight, good	1	28.5
	Wirth, Ron	Fake Wulf	C6-3		1	9
	Wirth, Ron	Goony Iron Wombat	B6-4	unstable	1	5
	Wirth, Ron	Goony KRAM	B6-4	good flight	1	5
	Wirth, Ron	Hank	(2) A8-3	good flight	2	5
	Wirth, Ron	Interrogator	C6-5		1	9
	Wirth, Ron	Iris	B6-4	good flight	1	5
	Wirth, Ron	Mach 10	C6-3	first flight	1	9
	Wirth, Ron	Magnum Sprint	C6-5	good flight	1	9

MASA 2011 Launches: All Recorded Flights

	Flyer's Name	Rocket's Name	Motor(s)	Comments	Total # Motors	Total Impulse	
	Wirth, Ron	Mega Sizz'	D12-5	good flight	1	17	
	Wirth, Ron	Mighty Mick	E9-6	good flight	1	28.5	
	Wirth, Ron	MRS Stiletto	E9-6	good flight	1	28.5	
	Wirth, Ron	Nike Smoke	D12-5	1st flight, good	1	17	
	Wirth, Ron	Piranha	D12-3	1st flight, good	1	17	
	Wirth, Ron	Praetor II	C6-0; B6-6	good flight	2	14	
	Wirth, Ron	Pumpkin Head	D12-3		1	17	
	Wirth, Ron	Satellite Interceptor	B6-2	good flight	1	5	
	Wirth, Ron	Starship Excalibur	A8-3	good flight	1	2.5	
	Wirth, Ron	Thunder Bird	C6-5		1	9	
	Wirth, Ron	Thunder Roc	D12-5		1	17	
	Wirth, Ron	Thunder Strike	D12-5	first flight	1	17	
	Wirth, Ron	Thunderbee	A3-4t		1	2.5	
	Wirth, Ron	Thunderchief	C6-3	good flight	1	9	
	Wirth, Ron	Thundergooo	?		1	?	
	Wirth, Ron	Thunderhawk	B6-6		1	5	
	Wirth, Ron	Upscale Courier	E9-6	good flight	1	28.5	
	Wirth, Ron	USS Prometheus	C6-5	1st flight, good	1	9	
	Wirth, Ron	Victor Vector	C11-3	good flight	1	9	
	Wirth, Ron	Wasp	D12-5	1st flight, good	1	17	
	Wirth, Ron	Wasp	D12-5	contest flight	1	17	
	Wirth, Ron Total						532.5
Count	41						

Grand Total

42867.1

Count

1231