

MASA 2013 Launches: All Recorded Flights (does not include contest flights)				Total #	Total
Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Anderson, Max	M Space Bomb	C6-5	good flight	1	9
Anderson, Max	M Space Fighter	A8-3	good flight	1	2.5
Anderson, Max	The Flame	C6-5	good flight	1	9
Anderson, Max	The Swish	A8-3	good flight	1	2.5
Anderson, Max Count	Anderson, Max Total				23
4					
Baechler, Jenny	Baby Bertha	B6-4	"Sweet". Good flight	1	5
Baechler, Jenny	Goonybird Zero	B6-4	good flight	1	5
Baechler, Jenny Count	Baechler, Jenny Total				10
2					
Bailey, Christopher	Fast Jet	A8-3	good flight	1	2.5
Bailey, Christopher	Fast Jet	C6-3	good flight	1	9
Bailey, Christopher Count	Bailey, Christopher Total				11.5
2					
Bartels, Ross	Blue Lightning	E20-7	good flight	1	35
Bartels, Ross	Cheetah	G79-7	good flight	1	108
Bartels, Ross	Mega Red Max	H250	good flight	1	219.5
Bartels, Ross	Nike Smoke	G78	good flight	1	109.9
Bartels, Ross	Sumo	G77-4	good flight	1	102.9
Bartels, Ross	Tethys	J350	good flight	1	697.4
Bartels, Ross Count	Bartels, Ross Total				1272.7
6					
Bartels, Wesley	Athena	B6-4		1	5
Bartels, Wesley	Silver Arrow	C6-7	separation	1	9
Bartels, Wesley Count	Bartels, Wesley Total				14
2					
Beard, Jadon	Skytrax	B6-4	separation	1	5
Beard, Jadon	Skywriter	A8-3	good flight	1	2.5
Beard, Jadon	The Patriarch	B6-4	good flight	1	5
Beard, Jadon	The Patriot	B6-4	good flight	1	5
Beard, Jadon	The Wizard	A8-3	good flight	1	2.5
Beard, Jadon Count	Beard, Jadon Total				20
5					
Beckius, Brian	Alpha	B6-4	good flight	1	5
Beckius, Brian	Big Bertha	B6-4	1st flight ever	1	5
Beckius, Brian	Big Bertha	C6-3	good flight	1	9
Beckius, Brian	Big Bertha	C6-5	good flight	1	9
Beckius, Brian	Formula 54	F27-4	1st flight, good	1	49.6
Beckius, Brian	Formula 54	G40-7	good flight	1	97.1
Beckius, Brian	Vagabond	E9-6	good flight	1	28.5
Beckius, Brian Count	Beckius, Brian Total				203.2
7					
Beckius, Ellen	Big Bertha	C6-5		1	9
Beckius, Ellen	Hi-Flyer	A8-3	good flight	1	2.5
Beckius, Ellen	Ionizer	B6-4		1	5
Beckius, Ellen	Ionizer	B6-4		1	5
Beckius, Ellen	Ionizer	C6-5	good flight	1	9
Beckius, Ellen	Skywriter	A8-3	first flight, good	1	2.5
Beckius, Ellen	Skywriter	A8-3	good flight	1	2.5
Beckius, Ellen	Skywriter	B4-2	good flight	1	5
Beckius, Ellen	Vic USA	A8-3	1st flight ever	1	2.5
Beckius, Ellen Count	Beckius, Ellen Total				43
9					
Beckius, Victor	[unknown]	A10-0t	good flight	1	2.5
Beckius, Victor	Athena	C6-5	separation	1	9
Beckius, Victor	Big Bertha	C6-3	good flight	1	9
Beckius, Victor	Ionizer	A8-3	first flight, good	1	2.5

Noteable (bad) flight events		
description	number	%
separation	14	2.2%
lawn dart	9	1.4%
no eject	9	1.4%
late eject	8	1.3%
no chute	7	1.1%
unstable	5	0.8%
CATO	3	0.5%
core sample	3	0.5%
early eject	2	0.3%
shred	1	0.2%

Prolific Flyers (10 or more flights)	
Farrell, Michael	67 flights
Higgins, Neal	47
Estenson, Alan	32
Lenz, Stuart	28
Whitaker, David	28
Grover, Blake	20
Sullivan, Jon	19
Jones, Jennifer	18
Beckius, Victor	17
Taylor, Jeff	17
Isom, Jon	15
Wirth, Ron	12
Overby, Glen	10
Ross, Chuck	10
Sheriff, Samir	10

Prolific Burners of Total Impulse	
Grover, Allan	2744 N-s
Higgins, Neal	2224
Farrell, Michael	1916
Bartels, Ross	1273
Overby, Glen	1152
Estenson, Alan	915
Whitaker, David	789
Uhlenkamp, Brian	612
Wirth, Ron	531
Lenz, Stuart	452
Isom, Jon	437
Taylor, Jeff	430
Flynn, Sean	417
Sheriff, Aaron	394
Feld, Chris	346

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Beckius, Victor	Ionizer	B6-4	good flight	1	5
Beckius, Victor	Ionizer	B6-4	good flight	1	5
Beckius, Victor	Ionizer	C6-3	wadded chute	1	9
Beckius, Victor	Ionizer	C6-5	good flight	1	9
Beckius, Victor	Lego Flyer	B6-4	good flight	1	5
Beckius, Victor	Lego Flyer	B6-4	good flight	1	5
Beckius, Victor	Lego Flyer	C6-3	Lego astronaut on board	1	9
Beckius, Victor	Lego Flyer	C6-5	good flight	1	9
Beckius, Victor	Magician	D12-5	Lego spaceman!	1	17
Beckius, Victor	Magician	D12-5	good flight	1	17
Beckius, Victor	Magician	D12-5	Lego spaceman!	1	17
Beckius, Victor	Tennis Racket	A10-3t	first flight	1	2.5
Beckius, Victor	Vagabond	D12-5	good flight	1	17
Beckius, Victor Total					149.5
Beckius, Victor Count	17				
Brown, Aaron	The Jet	B6-4	good flight	1	5
Brown, Aaron	The Jet	C6-5	good flight	1	9
Brown, Aaron Total					14
Brown, Aaron Count	2				
Brown, Alex	Escape Cruiser	A8-3	good flight	1	2.5
Brown, Alex	Golden Bunny 400	C6-5	good flight	1	9
Brown, Alex	Nebulon Warrior	A8-3	good flight	1	2.5
Brown, Alex Total					14
Brown, Alex Count	3				
Brown, Luke	Earth Forces Starfighter	C6-5	no eject, lawn dart	1	9
Brown, Luke	Fireflash	1/2A3-4t	late eject	1	1.25
Brown, Luke	Nebulon Warrior	C6-5	good flight	1	9
Brown, Luke	Stealth	C6-5	separation	1	9
Brown, Luke	Vente Vidi Vici	C6-3	good flight	1	9
Brown, Luke	Venti Vini Vici	C6-3	good flight	1	9
Brown, Luke	X-16	B6-4	tangled chute	1	5
Brown, Luke Total					51.25
Brown, Luke Count	7				
Brown, Thomas	Purple Blast	B6-4	good flight	1	5
Brown, Thomas	Purple Blast	C6-5	good flight	1	9
Brown, Thomas Total					14
Brown, Thomas Count	2				
Burgi, Ethan	Ethan 1	1/2A3-4t	FITI, good flight	1	1.25
Burgi, Ethan	Ethan 1	1/2A3-4t	FITI, good flight	1	1.25
Burgi, Ethan	Ethan 1	1/2A3-4t	FITI, good flight	1	1.25
Burgi, Ethan	Ethan 1	1/2A3-4t	FITI, good flight	1	1.25
Burgi, Ethan	Ethan 1	A3-4t	FITI, good flight	1	2.5
Burgi, Ethan Total					7.5
Burgi, Ethan Count	5				
Carlson, Andrew	Alpha III	B6-4	4th flight	1	5
Carlson, Andrew Total					5
Carlson, Andrew Count	1				
Carpenter, Todd	BOINK	B6-4	good flight	1	5
Carpenter, Todd	Fat Boiler	D13	first flight, awesome!	1	20
Carpenter, Todd	FlisKit Crayon	MicroMaxx	good flight	1	0.22
Carpenter, Todd	Saucer	MicroMaxx	good flight	1	0.22
Carpenter, Todd	Steam Comet	D12-5	good flight	1	17
Carpenter, Todd	UFF Odysseus	A3-4t	good flight	1	2.5
Carpenter, Todd Total					44.94
Carpenter, Todd Count	6				
Cleath, Akira	Amazon	C6	good flight	1	9
Cleath, Akira	Amazon	C6-5	good flight	1	9

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Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
	Cleath, Akira	Mosquito	1/4A3-3t	recovered it!	1 0.63
	Cleath, Akira	NASA	A8-3	good flight	1 2.5
	Cleath, Akira	NASA	A8-3	drag race	1 2.5
	Cleath, Akira	NASA	C6-5	good flight	1 9
Cleath, Akira Count	Cleath, Akira Total				32.63
	6				
	Daigle, Nick	Comanche-3	D12-0; C6-0; C6-7	good flight	3 35
	Daigle, Nick	Metalizer	B6-4	good flight	1 5
Daigle, Nick Count	Daigle, Nick Total				40
	2				
	Daigle, Rick	Big Daddy	D12-3	lawn dart	1 17
	Daigle, Rick	Centurion	B6-4	good flight	1 5
	Daigle, Rick	Executioner	E9-6	tangled chute	1 28.5
	Daigle, Rick	Executioner	E9-6	[unreadable LCO comment]	1 28.5
	Daigle, Rick	Quad Runner	(4) B6-4	lit 3?	3 15
	Daigle, Rick	Semroc Centurion	C6-5	good flight	1 9
	Daigle, Rick	Semroc Cherokee-D	C6-5	good flight	1 9
	Daigle, Rick	Twister	B6-4		1 5
Daigle, Rick Count	Daigle, Rick Total				117
	8				
	Davis, Iain	Bandit 1	A3-4t	good flight	1 2.5
	Davis, Iain	Fletcher	A3-4t	wadded chute	1 2.5
	Davis, Iain	Helicat	B6-2	good flight	1 5
	Davis, Iain	Helicat	B6-2	wadded chute	1 5
	Davis, Iain	Loadstar	B4-4	good flight	1 5
	Davis, Iain	Loadstar	B6-4	[unreadable LCO comment]	1 5
	Davis, Iain	Rain	A8-3	drag race	1 2.5
	Davis, Iain	Sizzler	B6-4	good flight	1 5
Davis, Iain Count	Davis, Iain Total				32.5
	8				
	Davis, Tony	Mean Machine	D12-5	good flight	1 17
	Davis, Tony	Mean Machine	E9-4	good flight	1 28.5
	Davis, Tony	Mega Mosquito	E9-4	good flight	1 28.5
	Davis, Tony	Mega Mosquito	E9-4	good flight	1 28.5
	Davis, Tony	Mega Mosquito	E9-4	good flight	1 28.5
	Davis, Tony	Mini Fat Boy	A10-3t	lawn dart	1 2.5
	Davis, Tony	Rainbow Terrel	1/2A3-2t	not enough boost, lawn dart	1 1.25
	Davis, Tony	Screaming Eagle	B4-4	1st flight, good	1 5
	Davis, Tony	Screaming Eagle	C6-5	good flight	1 9
Davis, Tony Count	Davis, Tony Total				148.75
	9				
	Davis, Zander	Mega Mosquito	D12-5	good flight	1 17
	Davis, Zander	Mini Fat Boy	A10-3t		1 2.5
	Davis, Zander	Prospector	C6-5	separation	1 9
	Davis, Zander	Purple Crayon	C6-5	good flight	1 9
	Davis, Zander	Purple Planet	C6-5	good flight	1 9
	Davis, Zander	Skytrax	C6-5	good flight	1 9
	Davis, Zander	Solar Flare	B6-0; A10-3t	unstable	2 7.5
	Davis, Zander	Startrax	B4-4	good flight	1 5
	Davis, Zander	Tiger	A8-3	drag race	1 2.5
Davis, Zander Count	Davis, Zander Total				70.5
	9				
	Entner, Drayden	[unreadable]	B6-4	good flight	1 5
	Entner, Drayden	Alpha	A8-3	good flight	1 2.5
	Entner, Drayden	Super	C6-7	good flight	1 9
Entner, Drayden Count	Entner, Drayden Total				16.5
	3				

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Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Erpelding, Ethan	ASP V2 A2	D12-3	good flight	1	17
Erpelding, Ethan	Mini Mars Lander	A10-3t	good flight	1	2.5
Erpelding, Ethan	Yankee Clone	A6-4	good flight	1	2.5
Erpelding, Ethan Total					22
Erpelding, Ethan Count	3				
Erpelding, Mike	Deuces Wild	(2) B6-4	good flight	2	10
Erpelding, Mike	Explorer	G60-14	good flight	1	134.2
Erpelding, Mike	Mini Mars Lander	A10-3t	good flight	1	2.5
Erpelding, Mike Total					146.7
Erpelding, Mike Count	3				
Estenson, Alan	Baby Bertha	C6-5	good flight	1	9
Estenson, Alan	Back to Cool	E12-6	crayon rocket	1	27.2
Estenson, Alan	Der Goony Max	B6-4	good flight	1	5
Estenson, Alan	Eight	H180-M	good flight	1	217.7
Estenson, Alan	Explorer	H123-M	good flight	1	223.6
Estenson, Alan	Fat Boy	C6-3	late eject	1	9
Estenson, Alan	Goony Goblin	B6-4	good flight	1	5
Estenson, Alan	Gosh	A3-4t	no streamer	1	2.5
Estenson, Alan	Groove Tube 108	B6-4	good flight	1	5
Estenson, Alan	Groove Tube 180	E9-6	good flight	1	28.5
Estenson, Alan	Itasca	H238-M	good flight	1	165.5
Estenson, Alan	Kadet	B6-4	good flight	1	5
Estenson, Alan	Maniac III	E12-8	no chute, core sample	1	27.2
Estenson, Alan	MASA SPEV Saucer	C6-0	good flight	1	9
Estenson, Alan	MASA SPEV Saucer	C6-0	good flight	1	9
Estenson, Alan	MASA SPEV Saucer	C6-0	Great UFO Drag Race	1	9
Estenson, Alan	Meteor	B6-4	good flight	1	5
Estenson, Alan	Nike Arrow	A10-3t	good flight	1	2.5
Estenson, Alan	Pheord X-150	B6-0	Great UFO Drag Race	1	5
Estenson, Alan	Planet Probe	B6-0	Great UFO Drag Race	1	5
Estenson, Alan	Python	D12-5	good flight	1	17
Estenson, Alan	Semroc Aerobee Hi	A8-5	good flight	1	2.5
Estenson, Alan	Semroc Golden Scout #0462	1/2A6-2	for Carl	1	1.25
Estenson, Alan	Skydive	C6-5	lost the nose cone	1	9
Estenson, Alan	Snowflake	C6-0	good flight	1	9
Estenson, Alan	Solar Goon	B4-4	good flight	1	5
Estenson, Alan	SpaceX Falcon 9	C6-3	good flight	1	9
Estenson, Alan	SpaceX Falcon 9	C6-5	late eject	1	9
Estenson, Alan	Starburst	(2) E12-4	reluctant chute, came out ~20 ft up, didn't open up	2	54.4
Estenson, Alan	Tangent	B4-4	good flight	1	5
Estenson, Alan	Totally Tubular	A8-3	good flight	1	2.5
Estenson, Alan	V2	D12-5	good flight	1	17
Estenson, Alan Total					915.35
Estenson, Alan Count	32				
Farrell, Michael	Alpha III	B6-4	good flight	1	5
Farrell, Michael	Alpha III	C6-5	no eject	1	9
Farrell, Michael	Astron Elliptic II	A10-0t; 1/2A3-4t	no eject, lawn dart	2	3.75
Farrell, Michael	Astron Elliptic II	A10-0t; 1/4A3-4t	no eject	2	3.125
Farrell, Michael	Astron Elliptic II	A10-0t; A10-3t	good flight	2	5
Farrell, Michael	Astron Elliptic II	A10-0t; A10-3t	Did not stage, lawn dart	1	2.5
Farrell, Michael	Astron Elliptic II	A10-0t; A3-4t	good flight	2	5
Farrell, Michael	Cinco	A10-0t	good flight	1	2.5
Farrell, Michael	Corckscrew	1/2A3-4t	good flight	1	1.25
Farrell, Michael	Corckscrew	A10-3t	first flight, good	1	2.5
Farrell, Michael	Der Red Max	C6-5	good flight	1	9
Farrell, Michael	Der Red Max	C6-5	good flight	1	9
Farrell, Michael	Der Red Max	C6-5	wadded chute	1	9
Farrell, Michael	Executioner	E12-6	good flight	1	27.2

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Farrell, Michael	Executioner	E12-6	good flight	1	27.2
Farrell, Michael	Executioner	E9-6	good flight	1	28.5
Farrell, Michael	Executioner	E9-6	good flight	1	28.5
Farrell, Michael	EZ1-65 XL	J420-10	dual deploy, successful L2 cert flight. Congrats!	1	658
Farrell, Michael	Flechette	B6-4	good flight	1	5
Farrell, Michael	Fletcher	C6-5	good flight	1	9
Farrell, Michael	Fletcher	C6-5	good flight	1	9
Farrell, Michael	Fletcher	C6-5	good flight	1	9
Farrell, Michael	Goblin	B6-4	good flight	1	5
Farrell, Michael	Goblin	C11-7	no eject	1	9
Farrell, Michael	Goblin	C11-7	good flight	1	9
Farrell, Michael	Hawk	A6-4	good flight	1	2.5
Farrell, Michael	Hawk	C6-0	good flight	1	9
Farrell, Michael	Hi-Tech Mini	B6-4	good flight	1	5
Farrell, Michael	Hi-Tech Mini	B6-4	good flight	1	5
Farrell, Michael	Hi-Tech Mini	C6-5	good flight	1	9
Farrell, Michael	IQSY Tomahawk	F59-7	good flight	1	57
Farrell, Michael	Leviathan XL	G54-9	good flight	1	159.1
Farrell, Michael	Lil' Grunt	E12-6	good flight	1	27.2
Farrell, Michael	Lil' Grunt	E12-6	good flight	1	27.2
Farrell, Michael	Lil' Grunt	E9-6	good flight	1	28.5
Farrell, Michael	Mean Machine	E12-6		1	27.2
Farrell, Michael	Mean Machine	E12-6	good flight	1	27.2
Farrell, Michael	Mean Machine	F30-8	good flight	1	47
Farrell, Michael	Mega Vortico	C11-0	good flight	1	9
Farrell, Michael	Mega Vortico	C11-0	good flight	1	9
Farrell, Michael	Metalizer	C6-3	cold chute	1	9
Farrell, Michael	Metalizer	C6-3	good flight	1	9
Farrell, Michael	Micron	A8-3	good flight	1	2.5
Farrell, Michael	Odd'l Corkscrew	A3-4t	good flight	1	2.5
Farrell, Michael	Phobos	H242-10	good flight	1	231.7
Farrell, Michael	Planet Probe	C6-0	Great UFO Drag Race	1	9
Farrell, Michael	Planet Probe	C6-0	good flight	1	9
Farrell, Michael	Planet Probe	D21-4	CATO	1	0
Farrell, Michael	Rascal	B6-4	good flight	1	5
Farrell, Michael	Rascal	C6-5	good flight	1	9
Farrell, Michael	Rascal	C6-5	good flight	1	9
Farrell, Michael	Richter Recker	(3) D12-5	first flight, good	3	51
Farrell, Michael	Richter Recker	(3) E9-6	good flight	3	85.5
Farrell, Michael	Rose-a-Roc	A8-3	first flight, good	1	2.5
Farrell, Michael	Semroc Goblin	C11-7	for Carl	1	9
Farrell, Michael	Semroc Hawk	A8-3	good flight	1	2.5
Farrell, Michael	Sky Duster	A10-3t	good flight	1	2.5
Farrell, Michael	Tercel	A10-0t	good flight	1	2.5
Farrell, Michael	Terra Former	C11-0	1st flight	1	9
Farrell, Michael	Terraformor	E20-4	good flight	1	35
Farrell, Michael	Vagabond	D12-5	good flight	1	17
Farrell, Michael	Ventris	F36-7	good flight	1	51.5
Farrell, Michael	Viking	A8-3	good flight	1	2.5
Farrell, Michael	Viking	A8-3	good flight	1	2.5
Farrell, Michael	Viking	A8-5	good flight	1	2.5
Farrell, Michael	Yankee	A8-3	good flight	1	2.5
Farrell, Michael	Yankee	A8-5	good flight	1	2.5
Farrell, Michael Total					1916.125
Farrell, Michael Count	67				
Feld, Chris	Callisto	H128	good flight	1	172.9
Feld, Chris	Callisto	H128-M	radio equipped	1	172.9
Feld, Chris Total					345.8

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Feld, Chris Count	2				
Flansburg, Jace	Boy Scout Rocket	A8-3		1	2.5
Flansburg, Jace	Cub Scouts	B6-4	no eject, lawn dart	1	5
Flansburg, Jace	Mean Machine	E12-4	CATO	1	27.2
Flansburg, Jace	NASA	B6-4	good flight	1	5
Flansburg, Jace	Planet Probe	B6-4		1	5
Flansburg, Jace	Purple FITI	C6-3		1	9
Flansburg, Jace	Wizard	A8-3	good flight	1	2.5
Flansburg, Jace Total					56.2
Flansburg, Jace Count	7				
Flynn, Ryan	Nova Payloader	C6-5	good flight	1	9
Flynn, Ryan	Silver Streak	D12-7	good flight	1	17
Flynn, Ryan	The Terminator	A8-3	good flight	1	2.5
Flynn, Ryan Total					28.5
Flynn, Ryan Count	3				
Flynn, Ryan & Sean	Funny Pages	C6-5		1	9
Flynn, Ryan & Sean Total					9
Flynn, Ryan & Sean Count	1				
Flynn, Sean	3X Cluster Booster	(3) C6-5	good flight	3	27
Flynn, Sean	Big Daddy	E28-7	good flight	1	40
Flynn, Sean	Dino-Egg	E28-0	unstable	1	40
Flynn, Sean	Leviathan	H128	Successful L1 cert flight! Congrats!	1	172.9
Flynn, Sean	NDRS-SC4	G80-7	good flight	1	136.6
Flynn, Sean Total					416.5
Flynn, Sean Count	5				
Frost, Brendan	Alien Invader	C6-3	good flight	1	9
Frost, Brendan	Falcon 9	D21-4	separation	1	20
Frost, Brendan Total					29
Frost, Brendan Count	2				
Frost, John	USS Enterprise	B6-4	first flight, 1975 kit, underpowered, lawn dart	1	5
Frost, John Total					5
Frost, John Count	1				
Frost, Spencer	Alien Invader	C6-5	good flight	1	9
Frost, Spencer	Falcon 9	C6-5	good flight	1	9
Frost, Spencer Total					18
Frost, Spencer Count	2				
Gibbens, Art	Blue Arrow	C6-5		1	9
Gibbens, Art	Satellite Launcher	C11-3	core sample	1	9
Gibbens, Art	Skinny Red Thing	C6-7	early ejection, core sample, separation	1	9
Gibbens, Art	Spin Control	C6-5	good flight	1	9
Gibbens, Art	Yankee	A8-3		1	2.5
Gibbens, Art Total					38.5
Gibbens, Art Count	5				
Grover, Allan	Dark Star (3 inch)	J1299	dual deploy, excellent flight	1	845
Grover, Allan	Dark Star 3"	J350	good flight	1	697.4
Grover, Allan	Dark Star 3"	J825	AIMS 2.0 & StratoLogger	1	970
Grover, Allan	Expediter	H242	good flight	1	231.7
Grover, Allan Total					2744.1
Grover, Allan Count	4				
Grover, Blake	[unknown]	1/2A3-4t	good flight	1	1.25
Grover, Blake	Blue Navy	A8-3	good flight	1	2.5
Grover, Blake	Extreme Heli	C6-5	good flight	1	9
Grover, Blake	Flyer	A8-3	good flight	1	2.5
Grover, Blake	Green Helly	C6-5	good flight	1	9
Grover, Blake	Green Helly	C6-5		1	9
Grover, Blake	Guardian	C6-5	good flight	1	9
Grover, Blake	Guardian	C6-5	good flight	1	9

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Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Grover, Blake	Guardian	C6-5	good flight	1	9
Grover, Blake	NASA	A8-3	good flight	1	2.5
Grover, Blake	Red Flare	D12-5	good flight	1	17
Grover, Blake	Red Hare	D12-5	good flight	1	17
Grover, Blake	Red Scrapper	1/2A3-4t	good flight	1	1.25
Grover, Blake	Skywriter	A8-3	good flight	1	2.5
Grover, Blake	Skywriter	C6-5	good flight	1	9
Grover, Blake	Sprite	A10-3t	good flight	1	2.5
Grover, Blake	Totally Tube	A8-3	good flight	1	2.5
Grover, Blake	Totally Tubes	A8-3	good flight	1	2.5
Grover, Blake	Totally Tubes	A8-3	good flight	1	2.5
Grover, Blake	Totally Tubular	C6-7	good flight	1	9
Grover, Blake Total					128.5
Grover, Blake Count	20				
HCA TARC Team	The Magic Marker	(3) D12-5	good flight	3	51
HCA TARC Team	The Magic Marker	(3) D12-5	good flight	3	51
HCA TARC Team	The Magic Marker	(3) D12-5	good flight	3	51
HCA TARC Team Total					153
HCA TARC Team Count	3				
Heiple, Joey	J Flame	A8-3	good flight	1	2.5
Heiple, Joey	J Flame	B6-4	good flight	1	5
Heiple, Joey	J Flame	C6-7	good flight	1	9
Heiple, Joey Total					16.5
Heiple, Joey Count	3				
Higgins, Neal	Baby Arachnid	B6-4	good flight	1	5
Higgins, Neal	Baby Bertha	C6-5	good flight	1	9
Higgins, Neal	Barney	I245-10	good flight	1	334.1
Higgins, Neal	Cassie	Micro Maxx	good flight	1	0.22
Higgins, Neal	Comanche Xtreme	E12-0; E12-0; E12-8	"Holy Cow!"	3	81.6
Higgins, Neal	Comanche-3	D12-0; C6-0; C6-7	Comanche-3 drag race	3	35
Higgins, Neal	Corkscrew	C6-5	tangled streamer	1	9
Higgins, Neal	Dartagnon	F20-4	good flight	1	64
Higgins, Neal	Der V-3	C11-5	good flight	1	9
Higgins, Neal	Drake	D12-7	good flight	1	17
Higgins, Neal	Fric & Frac	B6-0; C6-3	good flight	2	14
Higgins, Neal	Frick n Frack	C6-0; C6-5	good flight	2	18
Higgins, Neal	Jayhawk	E20-4	good flight	1	35
Higgins, Neal	Kraken	D12-5	good flight	1	17
Higgins, Neal	Kraken	D12-7	good flight	1	17
Higgins, Neal	Landviper	(3) C6-7	good flight	3	27
Higgins, Neal	Lil' Big Nuke	B6-6	good flight	1	5
Higgins, Neal	lil Nuke	F40-7	good flight	1	80
Higgins, Neal	Mach 2	E9-8	lost	1	28.5
Higgins, Neal	Micro Goblin 3	MicroMaxx	good flight	1	0.22
Higgins, Neal	Micro Kraken	MicroMaxx	good flight	1	0.22
Higgins, Neal	Micro Red Max	Micro Maxx	needs longer delay	1	0.22
Higgins, Neal	Mini Comanche-3	A10-0t; A10-0t; A10-3t	Comanche-3 drag race	3	7.5
Higgins, Neal	Mini John	B6-6	unstable	1	5
Higgins, Neal	Mini Max	A3-4t	good flight	1	2.5
Higgins, Neal	Moonraker	D12-7	good flight	1	17
Higgins, Neal	Nike	B6-4	good flight	1	5
Higgins, Neal	Patriotic Nipple of Doom	C6-5	late eject	1	9
Higgins, Neal	Pheord X-150	C6-0	Great UFO Drag Race	1	9
Higgins, Neal	Raptor	C6-5	good flight	1	9
Higgins, Neal	Six Pack	D12-7	good flight	1	17
Higgins, Neal	Skeeter	E12-4	Mosquito Drag Race (core sample)	1	27.2
Higgins, Neal	Solar Flare	C6-0; C6-7	no chute	2	18
Higgins, Neal	Spitfire	D12-5	drag race with Jeff	1	17

MASA 2013 Launches: All Recorded Flights (does not include contest flights)				Total #	Total
Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Higgins, Neal	Starburst	D12-7	good flight	1	17
Higgins, Neal	Stonebreaker	D12-5	good flight	1	17
Higgins, Neal	Stonebreaker	D12-7	late eject	1	17
Higgins, Neal	Stonebreaker	D12-7	lawn dart	1	17
Higgins, Neal	Tau Zero	B6-6		1	5
Higgins, Neal	Terra Former	C11-3	good flight	1	9
Higgins, Neal	Texas Firefly	C6-0; C6-7	good flight	2	18
Higgins, Neal	Texas Firefly	C6-0; C6-7	no eject?	2	18
Higgins, Neal	Thor	J315	good flight	1	763.3
Higgins, Neal	Totally Tubular	E12-4	OktoberFAST E Drag Race	1	27.2
Higgins, Neal	Trifecta	A10-0t; A10-0t; A10-0t	good flight	3	7.5
Higgins, Neal	Tuber	D12-5	good flight	1	17
Higgins, Neal	Zeus	I357-10	upscale Solar Flare, 1st flight, good	1	342
Higgins, Neal Total					2224.28
Higgins, Neal Count	47				
Hoyme, Alissa	Nantucket Sound	C11-3		1	9
Hoyme, Alissa	Tumble Weed	A3-4t		1	2.5
Hoyme, Alissa Total					11.5
Hoyme, Alissa Count	2				
Hoyme, Julie	Spin Control	C6-3	1st flight	1	9
Hoyme, Julie	Spin Control	C6-3		1	9
Hoyme, Julie	Spin Control	C6-3		1	9
Hoyme, Julie Total					27
Hoyme, Julie Count	3				
Hoyme, Ken	Atomic	B4-4	rod lock	1	5
Hoyme, Ken	Centurion	B6-4	good flight	1	5
Hoyme, Ken	Centurion	C6-5	good flight	1	9
Hoyme, Ken	Mini Bertha	B6-4	good flight	1	5
Hoyme, Ken	Qubit	A10-Pt	good flight	1	2.5
Hoyme, Ken	SPEV	B6-4	1971-72 vintage	1	5
Hoyme, Ken	Striker	F20-7		1	65
Hoyme, Ken Total					96.5
Hoyme, Ken Count	7				
Inboden, William	Executioner	D12-5		1	17
Inboden, William	Magician (Packers)	D12-5	good flight	1	17
Inboden, William	Magician (Vikings)	D12-5	good flight	1	17
Inboden, William	Monarch	C6-5		1	9
Inboden, William	Patriot	B4-4		1	5
Inboden, William	Super Alpha	B6-4	good flight	1	5
Inboden, William	Super Alpha	C6-5	good flight	1	9
Inboden, William Total					79
Inboden, William Count	7				
Isom, Amelie	Eggscaliber with egg	D12-3	good flight	1	17
Isom, Amelie	Viking	1/2A6-2	good flight	1	1.25
Isom, Amelie	Viking	1/2A6-2	good flight	1	1.25
Isom, Amelie	Zinger	A3-4t	good flight	1	2.5
Isom, Amelie Total					22
Isom, Amelie Count	4				
Isom, Davis	Blue Ninja	C11-3	good flight	1	9
Isom, Davis	Crayon	B6-4	first flight, cold chute	1	5
Isom, Davis	Generic	B6-4	good flight	1	5
Isom, Davis	Launch	A8-3	1st flight, good	1	2.5
Isom, Davis	Multicolor	B6-4	good flight	1	5
Isom, Davis	Probe	B6-0	good flight	1	5
Isom, Davis	Probe	C6-0	good flight	1	9
Isom, Davis	Probe	C6-0	good flight	1	9
Isom, Davis	Queezhee	B6-4	good flight	1	5

MASA 2013 Launches: All Recorded Flights (does not include contest flights)					Total #	Total	
	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse	
Isom, Davis Count	Isom, Davis Total					54.5	
	9						
	Isom, Jon	ACME Spitfire	C11-3	good flight	1	9	
	Isom, Jon	Astron Sprint	C11-3	good flight	1	9	
	Isom, Jon	Baby Bertha	B6-4	good flight	1	5	
	Isom, Jon	Big Daddy	D12-5	good flight	1	17	
	Isom, Jon	D Tomahawk	D12-5	good flight	1	17	
	Isom, Jon	D-Region Tomahawk	D12-5	1st flight, good	1	17	
	Isom, Jon	Executioner	D12-5	1st flight, good	1	17	
	Isom, Jon	LOC IV	H125-9	Successful L1 cert flight! Congrats!	1	265.6	
	Isom, Jon	Mega Mosquito	D12-3	1st flight, good	1	17	
	Isom, Jon	Mega Mosquito	E18-4	good flight	1	39	
	Isom, Jon	Shrike	A8-0; A8-3	good flight	2	5	
	Isom, Jon	Shrike	A8-0; A8-3	1st flight, good	2	5	
	Isom, Jon	Superbird	C6-3	good flight	1	9	
	Isom, Jon	Zero Gravity	A6-4	cold chute	1	2.5	
	Isom, Jon	Zero Gravity	A8-3	good flight	1	2.5	
	Isom, Jon Total						436.6
	15						
	Jones, Jeff Count	Jones, Jeff	Barracuda	F20-7	good flight	1	64
Jones, Jeff		Black Diamond	A8-3		1	2.5	
Jones, Jeff		Mega Mosquito	D12-3	separation	1	17	
Jones, Jeff		Mosquito	1/2A3-2t	1st flight, good	1	1.25	
Jones, Jeff		Semroc Golden Scout	A8-3	1st flight, good	1	2.5	
Jones, Jeff		Sizzler	B6-4	1st flight	1	5	
Jones, Jeff		Stormcandy	C11-3	good flight	1	9	
Jones, Jeff		Stormcandy	D12-3	good flight	1	17	
Jones, Jeff		Stormcaster	C11-3	1st flight, good	1	9	
Jones, Jeff Total							127.25
9							
Jones, Jennifer Count	Jones, Jennifer	Baby Bertha	B6-4		1	5	
	Jones, Jennifer	Baby Bertha	B6-4	good flight	1	5	
	Jones, Jennifer	Baby Bertha	B6-4	good flight	1	5	
	Jones, Jennifer	Baby Bertha	B6-4	good flight	1	5	
	Jones, Jennifer	Baby Bertha	B6-4	good flight	1	5	
	Jones, Jennifer	Baby Bertha	C6-5	good flight	1	9	
	Jones, Jennifer	Cobalt	A8-3	good flight	1	2.5	
	Jones, Jennifer	Cobalt	B4-4	FIT!	1	5	
	Jones, Jennifer	Cobalt	C6-5	good flight	1	9	
	Jones, Jennifer	Cobalt	C6-7	FIT!	1	9	
	Jones, Jennifer	FlutterBy	A8-3	good flight	1	2.5	
	Jones, Jennifer	FlutterBy	A8-3		1	2.5	
	Jones, Jennifer	FlutterBy	A8-3	good flight	1	2.5	
	Jones, Jennifer	Flutter-By	A8-3	good flight	1	2.5	
	Jones, Jennifer	Golden Torch	A8-3	good flight	1	2.5	
	Jones, Jennifer	Semroc April Dancer	A8-3	"The Golden Torch", underpowered, separation	1	2.5	
	Jones, Jennifer	Sizzler	C6-5		1	9	
	Jones, Jennifer	The Sizzler	B6-4	good flight	1	5	
	Jones, Jennifer Total						88.5
	18						
La Rose, Brian Count	La Rose, Brian	Hyper Bat	C6-0; C6-5	unstable	2	18	
	La Rose, Brian	Tangerine Dream	E12-8	good flight	1	27.2	
	La Rose, Brian	Tangerine Dream	E12-8		1	27.2	
La Rose, Brian Total						72.4	
3							
La Rose, Darian	Patriot	C6-5	AltimeterTwo, good flight	1	9		
La Rose, Darian Total						9	

MASA 2013 Launches: All Recorded Flights (does not include contest flights)				Total #	Total
Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
La Rose, Darian Count	1				
La Rose, Malcolm	Goldenrod	C6-7	AltimeterTwo, good flight	1	9
La Rose, Malcolm Count	La Rose, Malcolm Total				9
1					
Lenz, Stuart	#1 Red Tubefin	A10-3t	good flight	1	2.5
Lenz, Stuart	#2 Red Tubefin	A10-3t	good flight	1	2.5
Lenz, Stuart	#4 Red Tubefin	A10-3t	good flight	1	2.5
Lenz, Stuart	Baby Bertha	C6-5	good flight	1	9
Lenz, Stuart	Big Bertha	(3) A8-5	lit only one engine? Very low flight	1	2.5
Lenz, Stuart	Bullpup	B4-2	no eject	1	5
Lenz, Stuart	Cone	A10-Pt	good flight	1	2.5
Lenz, Stuart	Dragon Ship 8	(2) C6-5		2	18
Lenz, Stuart	Dragonship 8	(2) C6-5	good flight	2	18
Lenz, Stuart	Executioner	E12-4	good flight	1	27.2
Lenz, Stuart	MASA Patriot	B6-4	good flight	1	5
Lenz, Stuart	Maxi Alpha 3	E12-4		1	27.2
Lenz, Stuart	Nebula	C6-5	good flight	1	9
Lenz, Stuart	Negand	(2) C6-5	good flight	2	18
Lenz, Stuart	Patrol Cruiser Excalibur	C6-5	good flight	1	9
Lenz, Stuart	Pheord X150	A8-3	good flight	1	2.5
Lenz, Stuart	Pokemon 1	E12-4	good flight	1	27.2
Lenz, Stuart	Pokemon II	E12-4	good flight	1	27.2
Lenz, Stuart	Purple Crayon	C6-5	good flight	1	9
Lenz, Stuart	Purple Crayon	C6-5	good flight	1	9
Lenz, Stuart	Purple Ring Fin	G64-7	shred	1	120
Lenz, Stuart	Red, White & Blue	C11-5	good flight	1	9
Lenz, Stuart	Silver Comet	E12-4	no chute	1	27.2
Lenz, Stuart	Silver Comet	E12-4		1	27.2
Lenz, Stuart	Space Plane	C6-5	good flight	1	9
Lenz, Stuart	STL-NX3	C6-5	good flight	1	9
Lenz, Stuart	Stuart's Wierdest Rocket	C6-5	good flight	1	9
Lenz, Stuart	Vindicator	C6-5	good flight	1	9
Lenz, Stuart Count	Lenz, Stuart Total				452.2
28					
Martin, Rick	Dart	C6-5	good flight	1	9
Martin, Rick	Green Hornet	C6-3	1st flight, good	1	9
Martin, Rick Count	Martin, Rick Total				18
2					
Martin, Samuel	Dart	B6-4	good flight	1	5
Martin, Samuel	Dart	C6-3	no eject	1	9
Martin, Samuel	Dart	C6-5	good flight	1	9
Martin, Samuel	Green Hornet	B6-4	separation	1	5
Martin, Samuel Count	Martin, Samuel Total				28
4					
McDermott, Buzz	[unreadable]	C6-3	good flight	1	9
McDermott, Buzz	E-Z Glider	B4-2		1	5
McDermott, Buzz	SLS Aero Dart	D10-5	good flight	1	18.3
McDermott, Buzz Count	McDermott, Buzz Total				32.3
3					
Merdan, Lyle	Big Bertha	C6-3	good flight	1	9
Merdan, Lyle	Birdie	A10-3t	good flight	1	2.5
Merdan, Lyle	Quest SPEV Saucer	C6-3	Great UFO Drag Race	1	9
Merdan, Lyle	Semroc Golden Scout #1121	A8-3	Golden Scout Memorial Flight	1	2.5
Merdan, Lyle	Wildman Jr.	G78-6		1	140.9
Merdan, Lyle Count	Merdan, Lyle Total				163.9
5					
Murphy, Lance	[unreadable]	C6-5		1	9

MASA 2013 Launches: All Recorded Flights (does not include contest flights)					Total #	Total	
	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse	
Murphy, Lance Count	Murphy, Lance Total					9	
	1						
	Nahr, Andy	Comanche-3	D12-0; C6-5	Comanche-3 drag race	2	26	
	Nahr, Andy	Hi-Flyer	C6-3	good flight	1	9	
	Nahr, Andy	Mean Machine	D12-5	with camera	1	17	
	Nahr, Andy	QCC Explorer	D12-3	good flight	1	17	
	Nahr, Andy	QCC Explorer	D12-3	with camera	1	17	
	Nahr, Andy	QCC Explorer	E9-6	with camera	1	28.5	
Nahr, Andy	Quad Runner	(4) C6-5	1st flight, good	4	36		
Nahr, Andy Total						150.5	
7							
Newton, Dale Count	Newton, Dale Total					5	
	1						
Newton, Dale Count	Newton, Dale	Ion Pulsar	B4-4	separation	1	5	
	Newton, Holly	Banshee	B4-4	good flight	1	5	
	Newton, Holly	Big Bertha	A8-3	underpowered, late eject	1	2.5	
Newton, Holly Total						7.5	
2							
Overby, Glen Count	Overby, Glen	4FNC	D5-6	good flight	1	17.6	
	Overby, Glen	4FNC	E9-6	good flight	1	28.5	
	Overby, Glen	4FNC Blue	H165-M	GPS (APRS)	1	165	
	Overby, Glen	Ate	F52-5	good flight	1	78	
	Overby, Glen	Ate'	F52-5	good flight	1	78	
	Overby, Glen	Divide by Zero	D12-5	good flight	1	17	
	Overby, Glen	Divide By Zero	E28-7	good flight	1	40	
	Overby, Glen	Nike Smoke	J500	good flight	1	693.4	
	Overby, Glen	Ohm Eater	D12-5	good flight	1	17	
	Overby, Glen	Tuber Jr	D12-5	altimeter payload	1	17	
	Overby, Glen Total						1151.5
	10						
	Phan, Nhan Count	Phan, Nhan	Razor	B6-4	first flight	1	5
		Phan, Nhan	Redliner	A8-3	1st flight, good	1	2.5
Phan, Nhan		Redliner	A8-3	good flight	1	2.5	
Phan, Nhan		Redliner	B6-4	good flight	1	5	
Phan, Nhan Total							15
4							
Ross, Chuck Count	Ross, Chuck	Helicat	C6-5	good flight	1	9	
	Ross, Chuck	Hijinks	B6-4	good flight	1	5	
	Ross, Chuck	Patriarch	B6-4	good flight	1	5	
	Ross, Chuck	Purple Wing	B6-4	good flight	1	5	
	Ross, Chuck	Semroc Golden Scout	A8-3	for Carl	1	2.5	
	Ross, Chuck	Skytrax	B6-4	good flight	1	5	
	Ross, Chuck	Skytrax	C6-5	good flight	1	9	
	Ross, Chuck	Skytrax	C6-5	good flight	1	9	
	Ross, Chuck	Venti Vini Vici	C6-3	good flight	1	9	
	Ross, Chuck	Venti Vini Vici	C6-3	good flight	1	9	
	Ross, Chuck Total						67.5
	10						
	Ross, Ian Count	Ross, Ian	Baby Bertha	C6-5	1st flight, good	1	9
		Ross, Ian	Big Bertha	C6-3	good flight	1	9
Ross, Ian		Evil One	B6-4	good flight	1	5	
Ross, Ian Total						23	
3							
Rumreich, Henry	Skytrax	C6-5	good flight	1	9		
Rumreich, Henry Total						9	
1							
Rumreich, Luke	Skywriter	B6-4	good flight	1	5		

MASA 2013 Launches: All Recorded Flights (does not include contest flights)					Total #	Total
	Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Rumreich, Luke Count	Rumreich, Luke Total					5
	1					
	S M, Caleb	Metl Many	B6-4	FIT!	1	5
	S M, Caleb	Metl Many	B6-4	good flight	1	5
	S M, Caleb	Metl Many	B6-4		1	5
S M, Caleb Count	S M, Caleb Total					20
	4					
	Schasert, Caleb	Amazon 9	B6-6	good flight	1	5
	Schasert, Caleb Total					5
Schasert, Caleb Count	1					
	Schasert, David	Amazon 1	B6-6	good flight	1	5
Schasert, David Count	Schasert, David Total					5
	1					
Schwartz, Larry Count	Schwartz, Larry	2 Stage Stretch D Fat Boy	D12-0; D12-7	late eject	2	34
	Schwartz, Larry	2-Stage AMRAAM	D12-0; C6-7		2	26
	Schwartz, Larry	Arreux	G38-7	good flight	1	94
	Schwartz, Larry	E Bullpup	E9-4	good flight	1	28.5
	Schwartz, Larry	Nike Smoke	C6-5	good flight	1	9
	Schwartz, Larry	Shrox somethingorother	D12-5	good flight	1	17
	Schwartz, Larry	Stretch D Fat Boy	D12-5	good flight	1	17
	Schwartz, Larry Total					225.5
	7					
	Sheriff, Aaron Count	Sheriff, Aaron	Liberty	D12-5	good flight	1
Sheriff, Aaron		Minataur	E20-4	good flight	1	35
Sheriff, Aaron		Quicksilver	H410	good flight	1	268
Sheriff, Aaron		V2	E12-6	good flight	1	27.2
Sheriff, Aaron		V2	E9-6	good flight	1	28.5
Sheriff, Aaron		Xarconian Cruiser	C6-3	good flight	1	9
Sheriff, Aaron		Xarconian Cruiser	C6-3	good flight	1	9
Sheriff, Aaron Total						393.7
7						
Sheriff, Samir Count	Sheriff, Samir	Bandit 3	A3-4t	first flight	1	2.5
	Sheriff, Samir	Crayon	MMX	separation	1	0.22
	Sheriff, Samir	Heatseeker	B6-4	1st flight, good	1	5
	Sheriff, Samir	Mad Scientist	B6-4	1st flight, good	1	5
	Sheriff, Samir	Pford F-150	C6-0	good flight	1	9
	Sheriff, Samir	Pheord X150	C6-0	good flight	1	9
	Sheriff, Samir	Seeker	B6-4	1st flight, good	1	5
	Sheriff, Samir	Shuttle Xpress	B6-2	good flight	1	5
	Sheriff, Samir	SX-1	C6-7	good flight	1	9
	Sheriff, Samir	X-Ray	A3-4t	good flight	1	2.5
	Sheriff, Samir Total					52.22
10						
Sullivan, Jon	Sullivan, Jon	Big Betty	B6-4		1	5
	Sullivan, Jon	Big Betty	C6-5		1	9
	Sullivan, Jon	Comanche-3	C6-0; A8-3	good flight	2	11.5
	Sullivan, Jon	Comanche-3	C6-5	good flight	1	9
	Sullivan, Jon	Comanche-3	C6-5	good flight	1	9
	Sullivan, Jon	Comanche-3	C6-5	good flight	1	9
	Sullivan, Jon	Comanche-3	D12-0; C6-0; C6-7	good flight	3	35
	Sullivan, Jon	Mean Machine	D12-5	separation	1	17
	Sullivan, Jon	Mini Honest John	A10-3t	unstable	1	2.5
	Sullivan, Jon	Mini Max	A10-3t	CATO	1	2.5
	Sullivan, Jon	Red Max	B6-4	good flight	1	5
	Sullivan, Jon	Red Max	B6-4		1	5
	Sullivan, Jon	Red Max	C6-5		1	9

MASA 2013 Launches: All Recorded Flights (does not include contest flights)				Total #	Total
Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Sullivan, Jon	Semroc Thunderbee	A10-3t	good flight	1	2.5
Sullivan, Jon	TBR-2	B4-4	good flight	1	5
Sullivan, Jon	TBR-2	B6-4	good flight	1	5
Sullivan, Jon	TBR-2	B6-4	good flight	1	5
Sullivan, Jon	TBR-2	C6-5	good flight	1	9
Sullivan, Jon	TBR-2	C6-5	good flight	1	9
Sullivan, Jon Count	Sullivan, Jon Total				164
19					
Taylor, Jeff	ACME Spitfire	D12-5	drag race with Neal	1	17
Taylor, Jeff	Big Bertha	C6-5	good flight	1	9
Taylor, Jeff	Big Fat Boy	I161		1	328.7
Taylor, Jeff	Centennial	A8-3	good flight	1	2.5
Taylor, Jeff	Centennial	A8-3	good flight	1	2.5
Taylor, Jeff	Fat Boy	C6-3	good flight	1	9
Taylor, Jeff	Goblin	C6-5	good flight	1	9
Taylor, Jeff	Mini Marz Lander	A10-3t	good flight	1	2.5
Taylor, Jeff	Moon Dog	A10-3t	good flight	1	2.5
Taylor, Jeff	Plaid Brad	C6-3	good flight	1	9
Taylor, Jeff	Satellite Interceptor	B6-4	good flight	1	5
Taylor, Jeff	Semroc Golden Scout	A8-3	Golden Scout Memorial Flight	1	2.5
Taylor, Jeff	Sonic Shark	A8-3	good flight	1	2.5
Taylor, Jeff	Sonic Shark	C6-5		1	9
Taylor, Jeff	Vente Vini Vici	C6-3	good flight	1	9
Taylor, Jeff	Venti Vini Vici	C6-3	good flight	1	9
Taylor, Jeff	Zenit	1/2A3-2t	good flight	1	1.25
Taylor, Jeff Count	Taylor, Jeff Total				429.95
17					
Thell, Mark	Big Bertha	B6-4	good flight	1	5
Thell, Mark	Norad	F27-8	good flight	1	49.6
Thell, Mark	Tres	(3) C6-5	good flight	3	27
Thell, Mark Count	Thell, Mark Total				81.6
3					
Uhlenkamp, Brian	Cowabunga	H128-6	first flight, good	1	172.9
Uhlenkamp, Brian	Der Red Max	B6-2	first flight, good	1	5
Uhlenkamp, Brian	Rickter Recker Tres	(3) E20-4	first flight, good	3	105
Uhlenkamp, Brian	Super DX3	I161-9	1st I motor flight, good	1	328.7
Uhlenkamp, Brian Count	Uhlenkamp, Brian Total				611.6
4					
Uhlenkamp, Julia	Baby 31	A8-3	good flight	1	2.5
Uhlenkamp, Julia	Curvilinear	A10-3t	first flight, good	1	2.5
Uhlenkamp, Julia	Dink	A3-4t	first flight, good	1	2.5
Uhlenkamp, Julia	Freedom	A8-3	first flight, good	1	2.5
Uhlenkamp, Julia	Hunter	A8-3	bug payload	1	2.5
Uhlenkamp, Julia	Pheord X150	C6-0	good flight	1	9
Uhlenkamp, Julia Count	Uhlenkamp, Julia Total				21.5
6					
Uhlenkamp, Lukas	Customizer	B6-4	good flight	1	5
Uhlenkamp, Lukas	DooDad	B6-4	good flight	1	5
Uhlenkamp, Lukas	Eggscaliber	E18-4	with egg!	1	39
Uhlenkamp, Lukas	Lukalizer	D12-5	good flight	1	17
Uhlenkamp, Lukas	Mini Max	A3-4t	first flight, good	1	2.5
Uhlenkamp, Lukas	Shuttle Xpress	B6-2	first flight, good	1	5
Uhlenkamp, Lukas	Sputnik	A10-3t	good flight	1	2.5
Uhlenkamp, Lukas Count	Uhlenkamp, Lukas Total				76
7					
Van Oosbree, Mark	Shuttle Express	B6-4	good flight	1	5
Van Oosbree, Mark Total					5

MASA 2013 Launches: All Recorded Flights (does not include contest flights)				Total #	Total
	Flyer's Name	Rocket's Name	Motor(s)	Motors	Impulse
Van Oosbree, Mark Count	1				
	Van Oosbree, Kees	Shuttle Express	B6-4	good flight	5
	Van Oosbree, Kees Total				5
Van Oosbree, Kees Count	1				
	Vatsaas, Rick	Das Pickle Haube Raket	D12-5	separation	17
	Vatsaas, Rick	Ion Pulsar	C6-5	good flight	9
	Vatsaas, Rick	MASA Mascot	E28-7	good flight	40
	Vatsaas, Rick	Skowt	D12-5	good flight	17
	Vatsaas, Rick Total				83
Vatsaas, Rick Count	4				
	Vyas, Anand	Microsonde-3	B6-0; B6-0; B6-4	good flight	15
	Vyas, Anand	Rose-a-Roc	A8-3	no rotation	2.5
	Vyas, Anand	Rose-a-Roc	A8-3		2.5
	Vyas, Anand	Rose-a-Roc	B6-4		5
	Vyas, Anand	Rose-a-Roc	C6-7	good flight	9
	Vyas, Anand	Semroc Squire	B6-4	for Carl	5
	Vyas, Anand	Zenith Payloader	B6-0; B6-6	good flight	10
	Vyas, Anand Total				49
Vyas, Anand Count	7				
	Waste, Jerry	Big Bertha	C6-5	good flight	9
	Waste, Jerry	Big Bertha	C6-5	good flight	9
	Waste, Jerry	Super Alpha	C6-5	good flight	9
	Waste, Jerry Total				27
Waste, Jerry Count	3				
	Whitaker, David	4" PE Patriot	H410-7	good flight	268
	Whitaker, David	Bullpup	B6-4		5
	Whitaker, David	Cherokee-D	D12-7	good flight	17
	Whitaker, David	Cherokee-D	D12-7	good flight	17
	Whitaker, David	Delta-Katt	1/2A3-2t	good flight	1.25
	Whitaker, David	Fat Boy	C6-3	no chute	9
	Whitaker, David	Fat Boy	C6-3	good flight	9
	Whitaker, David	Helio-Copter	C6-3	good flight	9
	Whitaker, David	Helio-copter	C6-3	good flight	9
	Whitaker, David	Helio-copter	C6-3	good flight	9
	Whitaker, David	Matra	C11-3	good flight	9
	Whitaker, David	Matra	D12-5	good flight	17
	Whitaker, David	Night Hawk	1/2A3-2t	1st flight, good	1.25
	Whitaker, David	Nike Smoke	G104-7	good flight	81.5
	Whitaker, David	Patriot	H140-8	good flight	167.7
	Whitaker, David	Phoenix	D12-3	good flight	17
	Whitaker, David	Phoenix	D12-3	good flight	17
	Whitaker, David	Phoenix	D12-3	late eject	17
	Whitaker, David	Praetor	C6-5	good flight	9
	Whitaker, David	Python	C6-3	good flight	9
	Whitaker, David	Python	C6-3	good flight	9
	Whitaker, David	RRR Starliner	B6-4	no chute	5
	Whitaker, David	RRR Starliner	B6-4	good flight	5
	Whitaker, David	Semroc Vega	C6-5	for Carl	9
	Whitaker, David	Sidewinder	C6-3	good flight	9
	Whitaker, David	Super Sprite	E20-4	OktoberFAST E Drag Race	35
	Whitaker, David	Vega	C6-5	good flight	9
	Whitaker, David	Witch Hazel Goonybird	C6-3	no chute	9
	Whitaker, David Total				788.7
Whitaker, David Count	28				
	Wilson, Louis	Rascal	C6-7	good flight	9
	Wilson, Louis Total				9
Wilson, Louis Count	1				

MASA 2013 Launches: All Recorded Flights (does not include contest flights)				Total #	Total
Flyer's Name	Rocket's Name	Motor(s)	Comments	Motors	Impulse
Wilson, Ty	Rascal	B6-4	good flight	1	5
Wilson, Ty Total					5
Wilson, Ty Count	1				
Wirth, Ron	Ariel	H90-7	good flight	1	164.2
Wirth, Ron	Comanche-3	D12-0; C6-0; B6-6	Comanche-3 drag race	3	31
Wirth, Ron	Cone Head	D12-5	good flight	1	17
Wirth, Ron	Explorer	G118-10	1st flight, good	1	159.1
Wirth, Ron	Nike Smoke	G88-8	1st flight, good	1	84.3
Wirth, Ron	Semroc Aero-Dart	E12-6	good flight	1	27.2
Wirth, Ron	Semroc Centurion	C6-5	tangled chute	1	9
Wirth, Ron	Semroc Golden Scout	A8-5	Golden Scout Memorial Flight	1	2.5
Wirth, Ron	Semroc Hawk	B4-2	good flight	1	5
Wirth, Ron	Semroc Iris	B6-4	good flight	1	5
Wirth, Ron	Semroc Magnum Sprint	D12-5	good flight	1	17
Wirth, Ron	Torpedo	(2) B6-4	good flight	2	10
Wirth, Ron Total					531.3
Wirth, Ron Count	12				
Grand Count					
Grand Total	640	flights		Total Impulse	18328.25