

## April SPACEPORT ROCKETRY ASSOCIATION 2024 LAUNCH REPORT

The weather report, the heat index temperatures up to the 90's F and with up to 8mph winds. With a unlimited sky with cloud base height of 25K feet or higher at 2% coverage. It was a great day.

There were 69 rockets launched.  
LP&MP = 39  
HP = 30

### CLUB MEMBERSHIP RENEWAL ANNOUNCEMENT

Club memberships renewal or new memberships will be needed for the calendar year 2024. The forms can be found on the clubs web page and blank ones at the LCO table. See Above meeting notes. <http://www.spaceportrocketry.org/Join Today.html>

There will be a change with the non-member launch fee, the single person fee will be \$20 per day. The membership fees will be \$20/single person/calendar year and \$30 for family/calendar year.

### NAR L1 Certification Flight Attempts

6

### L2 Certification Flight Attempt

1

### L3 Certification Flights

1

### No New Club Records

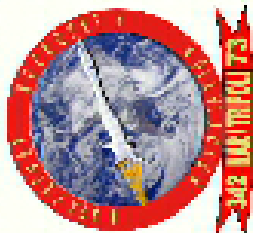
### NEXT SCHEDULED LAUNCH

The next SRA launch is scheduled for **May 11th 2024**. Equipment setup begins at 9:00 AM with launches running from 10:00 AM until 5:00 PM (unless red flag, rain, the heat gets to us or we run out of rockets/motors/cash). You can check the SRA web page launch status page <http://www.spaceportrocketry.org/Launch Status.html> for any new information.

April 2024 Club Competition Event will be;  
**A Parachute Duration**

### ONSITE VENDOR SUPPORT

It looks like there will be Brian the Motor Man will support the launch with motors, etc. Possibly Bernie will have a few H motors left over.



# SRA NEWSLETTER

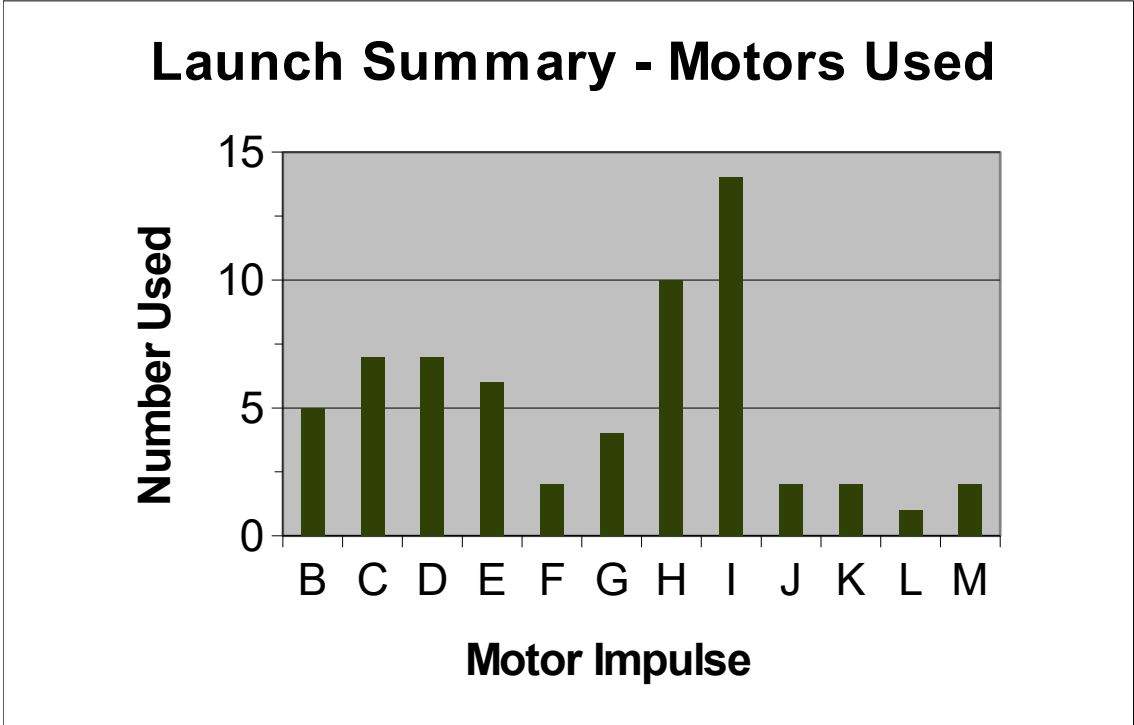
## SRA Monthly Launch Report April 20<sup>th</sup> Rockets

Flier's NAME	ROCKET NAME	MOTOR(S)	NOTES
Nicholas P.	The Crystal Ship 3	G80-8	Expected altitude 1600'
Jeff P.	Harpoon 11	G53-7	DD Main at 400' expected 1200'
Bob B.	Estes Meanie	A3-4T	A Streamer Duration
Karl B.	Katana Jr.	F38-7	Expected Alt. 1375'
Bill S.	Rocketarium KSR-420	3 x A8-3	3 motor cluster First Flight
Sam H.	Estes Epic II	B6-4	Expected Alt. 600'
John R.	Mini Honest John	A3-4T	
Bill M.	Scratch Craft Orion	B6-4	Clone of Estes attach Craft Orion, First Flight
Dylan	No Name	G80-10	Expected Alt. 2000'
Sam H.	Estes Cherokee E	E12-6	Expected Alt. 1500'
Roy L.	SD #5	A3-4T	A Streamer Duration
Bill S.	Mini Wind Lance BG	1/2A-4T	
John R.	Bandit 2	A10-3T	A Streamer Duration
Ethan S.	Journey	A8-3	Expected Alt. 300'
Shaun H.	Estes Big Bertha	B4-4	It's 45 years old
Dale E.	Hi Flier	A8-3	A Streamer Duration
Brian O'S.	Bomb Pop	F50-7	JLCR @ 300' Expect 1932', Failed
Bob B.	Estes V2	E12-6	Expected Alt. 694'
Roy L.	TRES	3 x C6-5	Canted 3 motor Cluster
Nick R.	Cherokee E	E12-6	Expected Alt. 1600'
Dale E.	Green Egg & Ham	D12-5	D Egg Loft Duration Competition
Ethan S.	Journey 2	A8-3	Expected Alt. 200'
John R.	Little Joe 1	A8-3	Paper rocket kit from Apogee
Tom M.	#8	A10-3T	A Streamer Duration, Failed
Travis W.	Saturn V	C6-3	Expected Alt. 250'
Karl B.	Estes V1	E22-7	Expected Alt. 894', Failed
Carlos M.	CERES C	3 x D16-4	JLCR @ 300'
Bill S.	Estes So Long	E16-0/E16-8	2 Stage, Expected Alt. 2,550'
Roy L.	ED 2	D12-3	D Egg Loft Duration Competition
Janes F.	East Wind	B6-4	Expected Alt. 1000'
John R.	Bumble Bee	A3-4T	scratch Built Styrofoam Cup, Failed
John R.	Bandit 1	A10-3T	A Streamer Duration
Elijah M.	High Flying Highlighter	G76-4G	Expected Alt. 500', Failed
Carlos M.	Deuces Wild	2 x C6-5	2 motor Cluster
John R.	Bandit 1	A10-3T	A Streamer Duration
Elijah M.	Mini Buzz	C6-5	Expected Alt. 700'
Tom M.	Red Nose Egg	D12-5	D Egg Loft Duration Competition
B6-	Green Egg & Ham	D12-3	D Egg Loft Duration Competition
Jahette R/Jared R.	Johnson	B6-4	Expected Alt. 500'
Samuel M.	SAM (Surface to Air Missile)	H135W-6	L1 Cert. Flight, Callisto Kit
Olivia M.	OTC	H100W-8	L1 Cert. Flight, Exp. 3000'
Connor D.	Bingus	H100W-8	L1 NAR Cert. Flight
Patrick C.	The Pilot	H100W-8	L1 NAR Cert. Flight
Colin B.	The Red Hot	H100W-8	L1 NAR Cert. Flight
Jeonpierre H	Nigel the 2 <sup>nd</sup>	H135-8	L1 Cert. Flight
Thomas D.	Kira	J270W-14	L2 TRA Cert. Flight
Nathan S.	No Name	M2050X	L3 Cert. Flight, DD Main @ 700', Exp. 9800'
AIAA Rocket Team	Roak 2.0	M3400	DD Main at 1500', Exp. 9400'
Jared R.	DRAGO	K2050ST	DD Main @ 600', Exp. 5500'
Keaton K.	RTL5 Gold Team	I540-10	DD Main @ Apogee, Exp. 3900'
Daniel H.	Betty Blue	I435ST-10	Senior Design, Exp. 2000'
Fabian + Red Team	Ares 1	I500-14A	Senior Design, Exp. 2500'
Bob B.	NCR Patriot	H238-8	JLCR @ 500'
Eeman A.	Pandora	H135	Exp 1700'
Derrile Y.	Shape Shifter	I500-14A	DD Main @ 1000', Tracker
Nick H.	Horus	H283-9	DD Main @ 1000' Exp. 2000'
Manny D.	Redline	J540R	DD Main @ 700', GPS Tracker (Tele Metrum) & Strtollogger Altim., Exp. 9000'
Freddy W.	Phoenix	K360	DD Main @ 700', Exp. 4500'
Tim C.	Lumpy	I1299	DD Main @ Apogee, Exp. 500'
Steve A.	Blue Streak	H100-12	Exp. 1500'
Tim C.	Lumpy	AT I435	DD Main @ Apogee, Exp. 800'
Gary W.	Crusader 2	AT L1520T	DD Main @ 800', Exp. 10,600'
Tim C.	Nike Smoke	I409	DD Main @ 500', Exp. 1400'
Austin e.	Thiccccc	XI600	Custom Alt., Exp. 2500', RTL5 Black - UCF
Tlana	Zephyr	I549-10	JLCR @ 1000', Exp. 2530', RTL5 Silver Team
Alexander F.	Eggstronaut Express	I216	Main @ 2000', Exp. 2000'
Brian O'S.	MHB Test Flight	I195RL-16	JLCR @ 500', Exp. 3700', Failed
Zachary M.	Tycho	I216	Main @ 2300', Exp. 2400', Failed
Jesus L.	Sisyphus	J760P	DD Main @ 500', Exp. 2800, Failed
Eric C.	Tin Man	I350-16A	DD Main @ 800', Exp. 2300', CATO



# SRA NEWSLETTER

Equivalent Number of A Motors	18701.5
Equal to Number of O Motors	1.14



## SRA Monthly Competition

### 04-20-2024 Competition Standings

#### A Streamer Duration

Place	Contestant	Flight 1	Flight 2	Total	Points
<b>C Division</b>					
1	Lappalainen, Roy		53	53	25
2	Bernatchez, Bob	35		35	20
2	Ellison, Dale	21	14	35	20
3	Ratkowski Jr., John	14	12	26	17
--	McKeown, Tom	NDP		0	0

#### D Egg Lofting Duration

Place	Contestant	Flight 1	Flight 2	Total	Points
<b>C Division</b>					
1	McKeown, Tom	114		114	25
2	Ellison, Dale	34	32	34	20

### 04-20-24 Meet Champions

Place	Contestant	Total	Points
<b>C Division</b>			
1	Ellison, Dale	1089	40
2	Lappalainen, Roy	117532	25
3	McKeown, Tom	57205	25
4	Bernatchez, Bob	29996	20
5	Ratkowski Jr., John	1293	17



April 2024

# SRA NEWSLETTER

## SPACEPORT ROCKETRY ASSOCIATION 2024 COMPETITION SCORE SHEET

COMPETITOR	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Dale Ellison	20	<del>X</del>	14	40									74
Tom McKeown	25	<del>X</del>	17	25									67
Roy Lappalain	0	<del>X</del>	25	25									50
Chris Kindell		<del>X</del>	20										20
Bob Bematchez		<del>X</del>		20									20
John Hames	17	<del>X</del>											17
Carlos McCauley	17	<del>X</del>											17
John Ratkowski		<del>X</del>		17									17
Nick Rivieggio		<del>X</del>											0
Kalen Oliverien		<del>X</del>											0

