SRA NEWSLETTER

November 9th SPACEPORT ROCKETRY ASSOCIATION 2024 LAUNCH REPORT

The weather report, the temperatures was in the mid 80's °F and with 8-10mph winds with guests up to 14mph. With a clouds starting at around 4K at 65% coverage, improving to Cumulus at 9K'. It was a great day low winds and present.

There was a group of 95 University Student AIAA Club members. Flying 19 of their project rockets.

One EFSC Hybrid G100 motor rocket team project launching. Unfortunately the motor C.A.T.O.

There was also a University Launch under TRA rules of an Experimental motor that also C.A.T.O.

> There were 65 total rockets launched.
> LP&MP = 31
> HP = 34

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. For Low Power and Mid Power Rocketeers a launch a daily fee of $5 for as many rockets they launch.

NAR Jr L1 Certification Flight Attempts
0
NAR L1 Certification Flight Attempts
18
L2 Certification Flight Attempt
3
L3 Certification Flights
0
NEXT SCHEDULED LAUNCH

We opened nominations for Club Officers. No one was nominated other than the current Club Officers

We will be voting at the December Launch for the Club Officers. Also, there will be the Clubs Annual Members meeting at the December launch at the same time during a mid day break.

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The next SRA launch is scheduled for December **14 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.

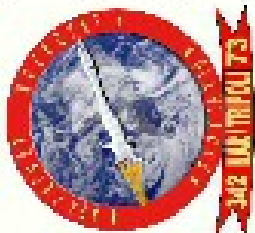**December 2024 Club Competition Event will be;**
A Parachute Duration
A Boost Glider Duration

ONSITE VENDOR SUPPORT
Due to the shortage of composite motors in North America there is long supply times. We will see how the motor suppliers are getting their orders as the next launch date approaches.

SRA Monthly Launch Report November 9th Rockets

Name	Rocket	Motor	Notes
Lawrence R.	Thor-1B	G80TB	Thor-1B is a replacement for the Thor-B
Makenzie H.	Lunaris	G74-6W	AIAA Club
Carlos M.	Double End Tetra	E12-4	Each part has it's own Chute
Javyla P.	Mentor	E12-6	
Leonard	Phoenix	G74-6W	AIAA Club
Austin F.	Coney	G74-6W	AIAA Club
Greg K.	Callisto	F50-5T	
Ethan S.	Quad M	G74-6W	AIAA Club
Christian G & Nicholas C.	No Name	G74-6W	AIAA Club
Brandon C.	5th time's the charm	G74-6W	AIAA Club
Lilli & Azer	Patric	G74-6W	AIAA Club
Emma L.	The Bagel	G74-6W	AIAA Club, Screamer attached
Rzan A.	The Thrust Busters	G74-6W	AIAA Club
Ryan F.	B.O.B.	G74-6W	AIAA Club
Migvelangel A.	Hellcat	G74-6W	AIAA Club, Screamer attached
Greg K.	Orange, Red & Copper	E12-4	
Ethan U.	Light Show	G74-6W	AIAA Club, Screamer attached
Greg K.	NASA Gennis Supporter	C11-3	C.A.T.O.
John R.	Galatic Training Ship	C6-3	**FOUND**
Anjaneya U.	Vault-Tec	G74-6W	AIAA Club, Fail Seperation
Joel S.	SRI	G80-13T	
Valeria Z.	Order 66	G74-6W	AIAA Club
Amir C.	U-Turn	G74-6W	AIAA Club
Malav S.	Locked In Martin	G74-6W	AIAA Club
John R.	Bull Pup	B4-4	
Aloysiovs	Rocketeers	G74-6W	AIAA Club
Sebastian M.	No Name	G74-6W	AIAA Club
Andies O.	Nova Nougators	G74-6W	AIAA Club
Peter W.	Skinny Santa	H128	NAR L1 Certification
Joseph H.	Dabney Curas	H135-8	NAR L1 Certification, Failed Separation
Sho DeG.	Thumper	H219-7.49	NAR L1 Certification
Laxya P.	Patel 1	H219-8.51	NAR L1 Certification, Failed
Viahyslav S.	The Sorokin	H219-8.24	NAR L1 Certification
Drew B.	Starling	H135-8	NAR L1 Certification
Ishan S.	Second Times The Charm	H128-8	NAR L1 Certification
Joshua M.	Bomber	H135-10	NAR L1 Certification
Killay A.	The Batmorrocket	H135-10	NAR L1 Certification, Failed
Matis T.	RFS Falcon Shark	H128-8	NAR L1 Certification
Zachery R.	Checker Board	H219-8.06	NAR L1 Certification, Failed
James W.	No Name	H128-10	NAR L1 Certification
Elizabeth B.	Little Rocket	H135-10	NAR L1 Certification
Liam R.	Small Rocket	H135-10	NAR L1 Certification
Jeff C.	Zeus 2.5	H169	NAR L1 Certification, JLCR @ 400'
Ishan S.	No Name	H128-10	NAR L1 Certification
Jasom S.	Jango Flight	H219-9.46	NAR L1 Certification, Screamer attached
Matthew B.	Blue Thunder	H219-7.84	NAR L1 Certification
Steven R.	Lawn Dart	J250W	NAR L2 Certification, Failed (bad name)
Daniel F.	One More Time	J400-16A	NAR L2 Certification
Bob B.	PML 4" AMRAAM	J350	NAR L2 Certification, Failed Separation
Brent R.	Bull Pup	L935	CTI motor
Bill S.	LOC 4" Goblin	I180	JLCR @ 500'
Brent R.	Centauri	K2050/J94	2 Stage both with DD recovery
Gry D.	Orange Crayon	G150-8	JLCR @ 400'
Tim C.	Lil Lunpy	I-435	
Liam W.	Albert your wife is calling	L1000	University of Florida NASA USLI subscale test flight
Gary D.	LOC Vulcanite	G118-10	
Tim C.	BOOB Tube	I405	
Brent R.	Wild Blue	J570	
Robb H.	Amma Ramma Slamma Jamma	J500	
Eastern Florida Steve	EFSC Lightspeed	G100 Hybrid	Hybrid motor test, Custom Stand, C.A.T.O.
Prometheus H.	Sisyphus	J580	TRA EX motor test C.A.T.O.

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Equivalent Number of "A" Motors	7206
Equal to Number of "M" Motors	1.76

Launch Summary - Motors Used

SRA Monthly Competition

11-09-2024 LP & MP Spot Landing

Place	Contestant	Flight (m)	Total	Points
C Division				
1	McKeown, tom	43.54	4354	25
2	Ratkowski, John	48.6	4860	20

SPACEPORT ROCKETRY ASSOCIATION 2024 COMPETITION SCORE SHEET

COMPETITOR	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Dale Ellison	20	✕	14	40	✕	✕	20	45	17	20			176
Tom McKeown	25	✕	17	25	✕	✕		20	25	25	25		162
Roy Lappalain	0	✕	25	25	✕	25							75
John Ratkowski		✕		17	✕	✕			20	17	20		74
John Hames	17	✕			✕	✕			14				31
Chris Kindell		✕	20		✕	✕							20
Bob Bernatchez		✕		20	✕	✕							20
Carlos McCauley	17	✕			✕	✕							17