

January 2019

WHAT'S UP

Newsletter of
Syracuse Rocket Club / NAR
section 566 / TRA Prefecture 53

Volume 14 Number 1

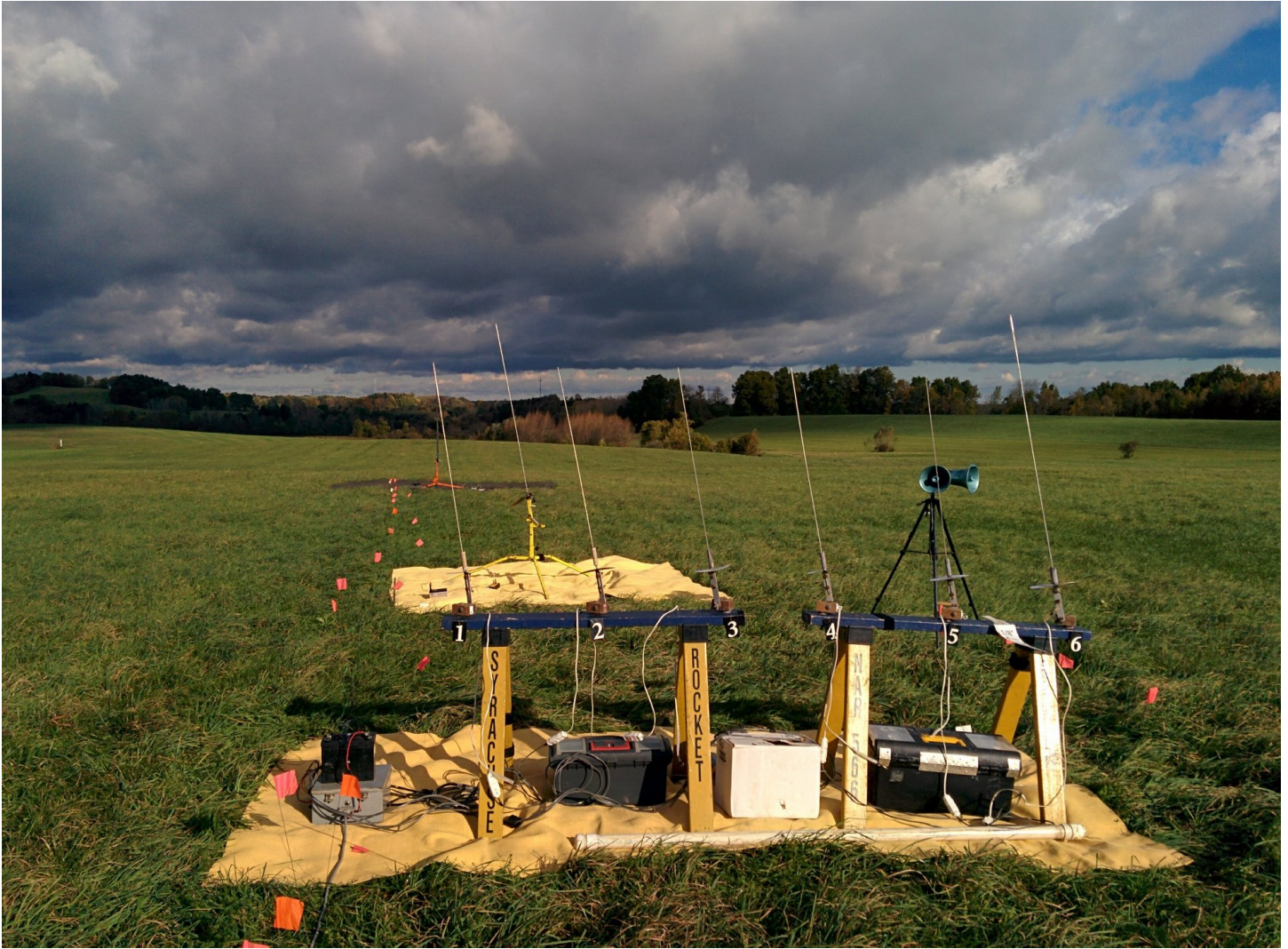


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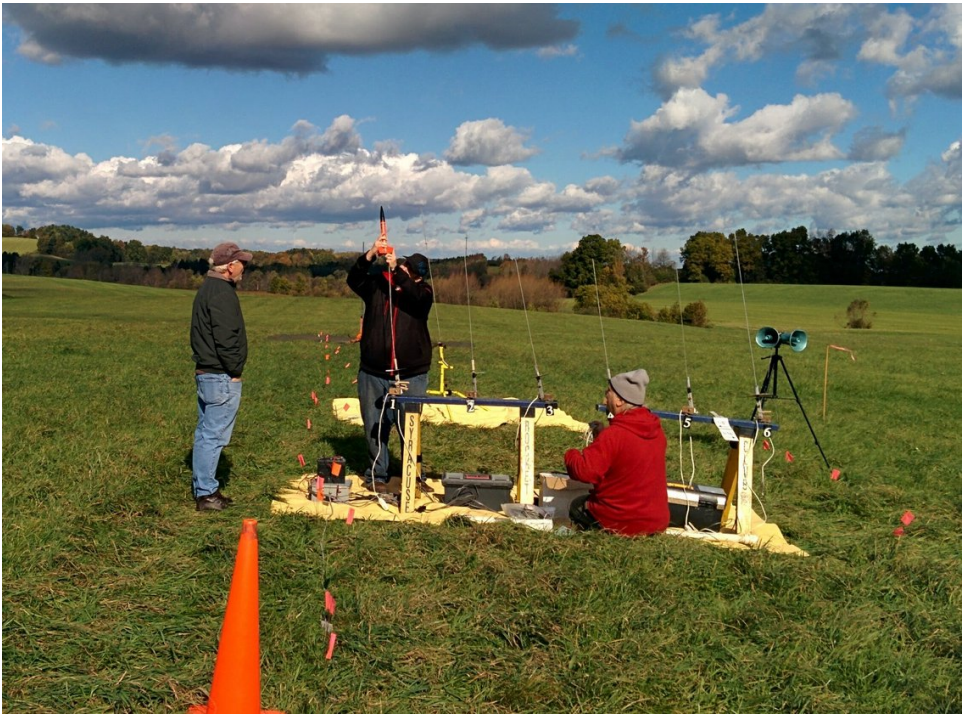
Last flights

The forecast for October 20 was showers and wind. The wind part was right. So was the showers part, eventually. It was maybe warmer than you have a right to expect in Syracuse in mid October, if you were out of the wind, but we weren't. We didn't expect a large turnout for the last club launch of the season, and we were right, though there were more people (including some newcomers) and many more rockets than one might have expected. Still, we didn't even need all of the six, instead of the usual twelve, low power pads, and the one, instead of three, high power pad didn't get used at all.



A couple of Halloween-theme rockets flew, including one bat wing finned model and one dollar store decoration turned into a Pumpkin.

By about 1:30 even the most enthusiastic flyers were packing up, so we shut the range down. A few minutes after teardown ended we got a rain shower. Perfect.



Secret



We were on display again at Walt's Secret Santa open house, as were some of our rockets including the recently re-refurbished Saber club rocket, some motors, and Dennis's model of a club launch. We handed out most of our fliers to prospective, uh, fliers.

December meeting

There were cookies. Also apples with caramel sauce.

We reviewed Secret Santa.

Scott S. presented statistics for 2018. 381 flights, 403 motors, 17611.7 N-s. See below. Dennis received prizes for most flights and most motors; Mark, being absent, had to settle for mention for most impulse. Flights and motors were up from 2017 but down from 2016, partly due to having to cancel one launch. Impulse was down from both years although not sharply.

Officers for 2019 will be the same as for 2018.

Dennis brought a number of rubber band powered airplanes and gave them away.

2016–2018 statistics

Compiled by Scott Sellers

	2016 Flyers	2017 Flyers	2018 Flyers
May	36	27	0
June	29	13	19
July	18	24	15
August	33	22	43
September	12	13	26
October	12	14	10

	2016 Total Motors	2017 Total Motors	2018 Total Motors
May	115	84	0
June	101	65	84
July	78	67	61
August	106	77	135
September	53	54	90
October	41	53	33
Yearly Total	494	400	403

	2016 Total Flights	2017 Total Flights	2018 Total Flights
May	109	81	0
June	86	54	82
July	75	60	52
August	92	66	124
September	41	51	90
October	41	52	33
Yearly Total	444	364	381

	2016 Total Impulse (N-sec)	2017 Total Impulse (N-sec)	2018 Total Impulse (N-sec)
May	4,144.4	3,511.8	0.0
June	3,984.3	1,138.7	2,257.3
July	1,777.7	5,103.3	4,589.6
August	8,023.1	15,512.3	7,832.9
September	2,033.0	2,267.2	2,718.1
October	1,529.7	2,512.0	213.8
Yearly Total	21,492.2	30,045.3	17,611.7

	2016	2017	2018
Most Flights	Dennis Friend - 63	Dennis Friend - 51	Dennis Friend - 50
Most Motors	Dennis Friend - 90	Dennis Friend - 67	Dennis Friend - 63
Most Total Impulse	Mark Riffle - 4232.4	Mark Riffle - 4578.4	Mark Riffle - 6586.3

About the Syracuse Rocket Club

The Syracuse Rocket Club (SRC), serving hobby rocketry in central New York, is section 566 of the National Association of Rocketry (NAR) and Prefecture 53 of the Tripoli Rocketry Association (TRA) and was founded in 1997.

SRC holds a monthly sport launch in Van Buren once a month, May through October, typically (but not invariably) on the third Saturday (weather permitting). Launches are open to the public, with a \$5 launch fee for non SRC members who wish to fly rockets.

SRC welcomes all prospective new members to our monthly meetings. They are held usually on the first Monday of the month (second Monday if the first is a holiday or if otherwise necessary) from 7:00 to 8:30 PM at Walt's Hobby Town on Dwight Park Drive, near the State Fair Boulevard exit of I-690.

See calendar elsewhere in this issue for dates of launches, meetings, and other events.

For more information see our website: <http://syracuserocketclub.org>. We also are on Facebook at <https://www.facebook.com/SyracuseRocketClub>.

SRC officers are:

President:	Scott Sellers
Vice President/Treasurer:	James Shattell
Secretary/Editor:	Rich Holmes
Web Master:	Scott Sellers
Prefect:	Roger Forell

About What's Up

What's Up is the official newsletter of the Syracuse Rocket Club.

What's Up is published four times a year and is distributed electronically on the SRC website; latest and back issues may be downloaded at <http://syracuserocketclub.org/newsletters.html>.

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Next issue target publication date is June 2019.

Upcoming SRC Events

(Abbreviated; for details and full year see <http://syracuserocketclub.org/calendar.html>)

Date	Time	Location	Event
Feb. Mon. 4th	7:00 PM	Walt's Hobby	Club Meeting. Discussion Topic: Saturn V projects. Bring your Saturn V project to display and discuss.
Mar. Mon. 4th	7:00 PM	Walt's Hobby	Club Meeting. Project: At this meeting we will build some small rockets to give to new attendees at our 2019 launches.
Apr. Mon. 1st	7:00 PM	Walt's Hobby	Club Meeting. Discussion Topic: Preparation of club launch equipment for May launch. Review launch equipment setup.
May Mon. 6th	7:00 PM	Walt's Hobby	Club Meeting. Discussion Topic: Central New York Rocket Team Challenge preparation, and planning for NYPOWER and URRF.
May Sat. 18th	10 AM - 3 PM	Weigand's Field	SRC Sport Launch and Test Launch for MOST Rocket Team Challenge Teams. Theme: Cluster Ignition. Contests: A Cluster Duration and B Streamer Duration
May Sat. 25th - Mon. 27th		Geneseo	NYPOWER. Visit the Syracuse Rocket Club Hospitality Tent. See the Syracuse Rocket Club Upscale Saber launch.
Jun. Sat. 1st		Skytop	MOST CNY Rocket Team Challenge
Jun. Mon. 3rd	7:00 PM	Walt's Hobby	Club Meeting.

Please check web site (<http://syracuserocketclub.org>) for changes, cancellations, and last minute events! Go/no go status of each launch will be posted on the web the evening before.

Directions to Walt's HobbyTown: From I-690, take Exit 5 (State Fair Blvd./Lakeland). Turn right onto Van Vleck Rd. Take the first right onto Dwight Park Dr. Walt's is immediately on your right.

Directions to Weigand's Field: From I-690, take Exit 2 (Jones Rd.). Turn left onto Jones Rd. Take the first right onto Van Buren Rd. After 1.6 miles turn left onto Connors Rd. After 1.0 miles turn left onto Canton Street Rd. Launch site is about 0.4 miles on your left; look for sign. Park in designated area. Please do not drive onto field without launch director's permission.