



SOUTHWEST OHIO ROCKETRY ASSOCIATION (SORA)

ANNUAL REPORT YEAR 2020

NAR SECTION #624

Year 2020 was an exciting year for the club with a large number of launches even with a year of Covid restrictions. When allowed, launches occurred with social distancing and mask usage. Here are the stats for the year:

The Club conducted 10 launch events. There were two launches cancelled due to Covid restrictions not allowing any social gatherings and one launch date was cancelled due to bad weather.

There were a total of 193 rockets launched with 152 of the flights being 100% fully successful from launch to touchdown. This corresponds to a 79% success rate. The majority of unsuccessful flights involved the parachute not deploying properly. 187 of 193 rockets were recovered accounting for a ratio of 97%.

There were 63 rocketeers although this number is high as a rocketeer can attend multiple launches throughout the year. A rocketeer is counted only once per launch date. There were 42 family, friends or observers in attendance throughout the year.

SORA conducted two launch dates for Team America Rocketry Challenge. Unfortunately, the TARC contest was shut down by the National Association of Rocketry due to the pandemic. Luckily, all teams who had registered for yr 2020 are automatically registered for year 2021. SORA is mentoring one team – G.R.A.S.S – the Gangbusters Rocketry Association of the Schilling School located in Montgomery, Ohio.

One launch date was specifically set up for the Boy Scouts who were learning model rocketry. Troupe #1436 launched 19 rockets during the 3 hour period.

For SORA Yr 2020, the following total number of motors used were: 55 “A”, 37 “B”, 38 “C”, 35 “D”, 12 “E”, 13 “F”, no “G”, and 1 “H”. The site does not have FAA clearance to fly high altitude rockets. Two rubber band powered rockets were also lofted into the skies.

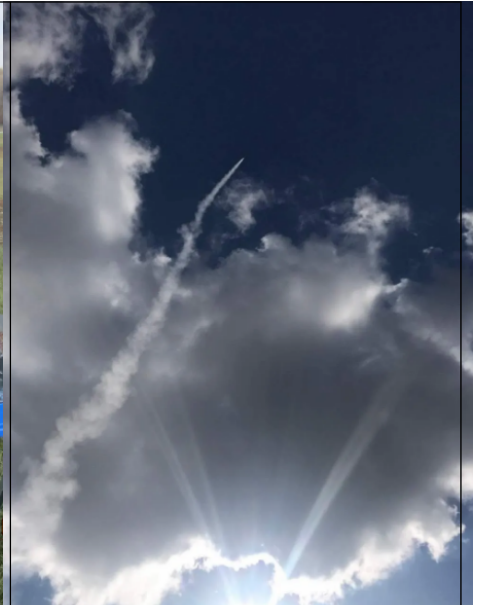
Of the 10 launch events, there were no ground fires, no medical injuries, and no damage to nearby vehicles or buildings out of 193 rocket launches. A perfect record!

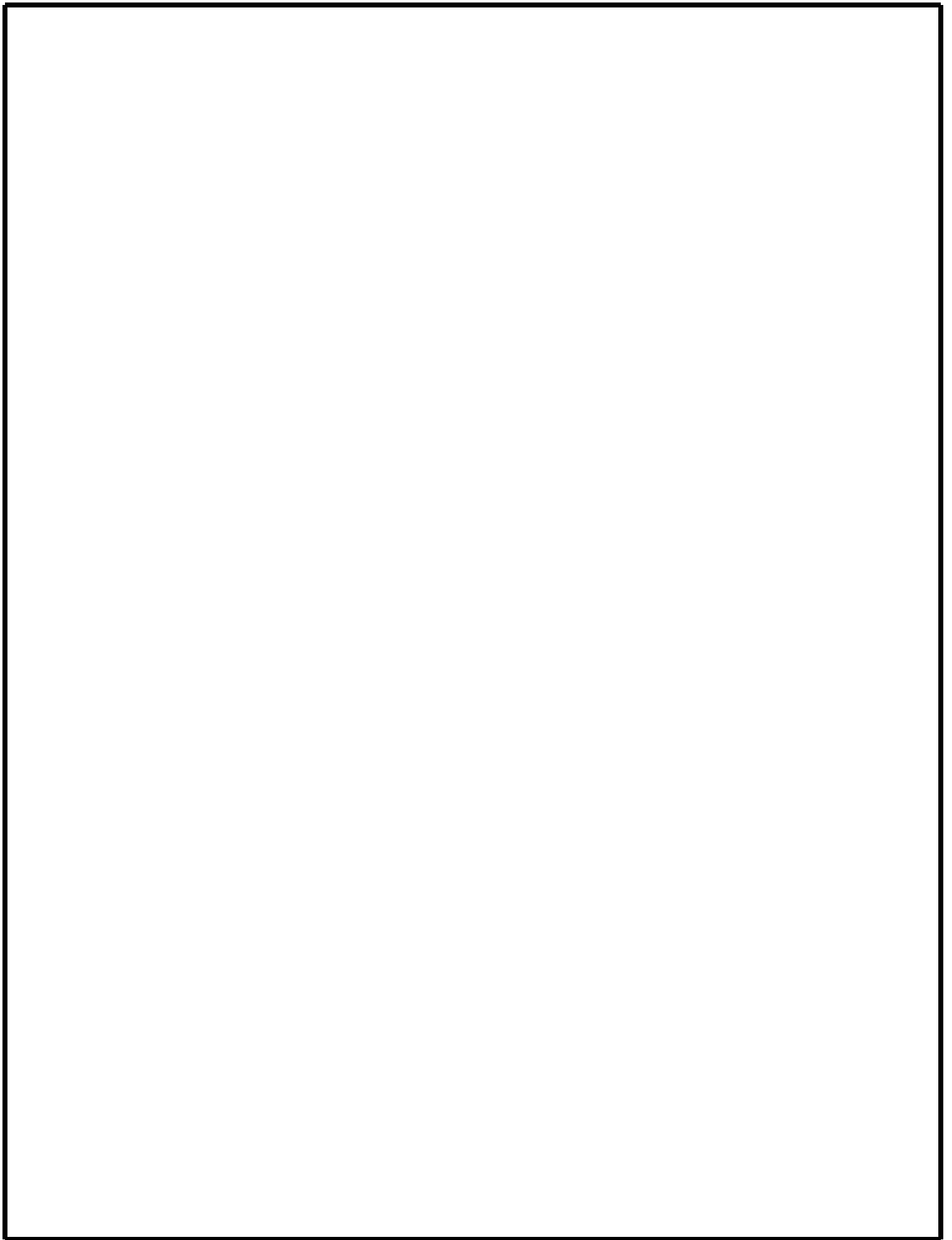
Donations received during the launch dates for year 2020 were \$189.

Given the issues with Covid, the regular meeting schedule was severely curtailed. The Club did conduct Zoom meetings.

Overall, it was a great year for the club and we are looking forward to year 2021!







SORA ANNUAL REPORT - 2020
Southwest Ohio Rocketry Association
NAR # 624

DATE	# Launches	# 100% Fully Successful Flights	# Rockets Recovered	Launch Participants	# Family /Friends / Observers	TARC Contests Events	Scout Troop Events	Motors									Ground Fires	Medical Incidents	Damage to Vehicles or Buildings	Donations
								A	B	C	D	E	F	G	H	I				
1/26/2020	11	9	11	3	2	0	0	3	0	3	3	2	0	0	1	0	0	0	0	\$7.00
2/23/2020	32	21	32	11	2	1		17	3	5	4	3	0	0	0	0	0	0	0	\$25.00
3/12/2020 Special TARC Event	2	1	2	4	2	1	0	0	0	0	0	1	1	0	0	0	0	0	0	\$0.00
3/14/2020	4	2	4	3	2	0	0	1	0	1	0	0	2	0	0	0	0	0	0	\$0.00
April, No launches, Covid restrictions																				
May, No launches, Covid restrictions																				
6/7/2020	24	20	23	6	4	0	0	3	4	6	10	1	0	0	0	0	0	0	0	\$51.00
7/26/2020	29	25	27	6	10	0	0	7	6	4	8	1	0	0	0	0	0	0	0	\$12.00
8/23/2020	37	28	37	5	2	0	0	4	10	12	3	2	5	0	0	0	0	0	0	\$26.00
9/20/2020, special launch for Boy Scouts	23	21	23	4	6	0	0	6	8	2	3	2	4	0	0	0	0	0	0	\$10.00
10/9/2020	19	15	16	19	10	0	1	11	2	5	0	0	0	0	0	0	0	0	0	\$54.00
October (normal launch date), No launches, bad weather																				
November, No launches, bad weather																				
12/27/2020	12	10	12	2	2	0	0	3	4	0	4	0	1	0	0	0	0	0	0	\$4.00
TOTALS	193	152	187	63	42	2	1	55	37	38	35	12	13	0	1	0	0	0	0	\$189.00