SOUTHWEST OHIO ROCKETRY ASSOCIATION

JUNE 07, 2020 LAUNCH REPORT NOON TO 4PM

**Launch Conditions:** Blue skies, wind 0-10mph, and a beautiful day

**Total Number of Launches:** 24

**Total Number of 100% Fully Successful Flights** (excluding simple fin breaks on landing): 20

**Rockets Recovered:** 23

**Number of Launch Participants:** 6

**Number of Family/Friends/Observers/Non-launching rocketeers:** 4

**Teams and Competitions:** 0

**Types and Number of Motors:**

 A: 3 B: 4 C: 6 D: 10 E: 1 F: 0 G: 0 H: 0 I: 0 Higher: 0

 1 rubber band

 1 springy shock cord

**Ground Fires:** 0

**Medical Incidents:** 0

**Damage to vehicles/facilities:** 0

**Donations:** $51

**Rocket Items and Issues:**

1. A rubber band powered ArrowRocket was attempted as the first flight of the day. The band broke due to it being stiff from age. With a little “Apollo 13 - Failure is not an Option” creativity, the rocket was successfully launched using a springy shock cord.
2. 1 rocket stuck on pad due to engine clip snagging on clothes pin being used as a standoff. It was interesting to watch the entire motor process and parachute ejection on pad. Exhaust did burn a hole in the blast deflector and slightly melted on of the rod holders.
3. 1 shock cord broke where it was attached body tube causing complete separation of main rocket tube from nosecone/parachute . Rocket was over 10 years old and fatally damaged on landing.
4. 1 rocket lost in high weeds

**Additional items:**

 Need to purchase a battery for the anemometer

 Need to rework the mid/high powered launch rod system (still hard to install rod)

Everyone agreed, it was a great day of returning to launching model rockets in a socially distant way!