



# **SOUTHWEST OHIO ROCKETRY ASSOCIATION (SORA)**

## **LAUNCH REPORT August 11, 2024**

### **1:00PM TO 4:00PM NAR SECTION #624**

**Launch Conditions:** 77 degrees, Winds out of the West, Northwest 7 mph with gust to 17 mph. Mostly Sunny

**Total Number of Launches:** 27      **Rockets Recovered:** 26    **Lost:** 1    **Found Rocket (not launched):** 0

**Total Number of 100% Fully Successful Flights:** 22

**Success Rate:** 81%      **Failure modes:** chute failed to deploy; one rocket lost in woods. Engine popped out, no recovery

**Number of Individuals Who Launched Their Rockets:** 9      **Number of Family/Friends/Observers:** 34

**Teams and Competitions:** 0      **Scouts/Home School/4-H:** 1

**Types and Number of Motors:** 27 total

½ A: 1    A: 2    B: 6    C: 10    D: 2    E: 5    F: 1    G:    H: 0    I: 0    Higher: 0

**Ground Fires:** 0      **Medical Incidents:** 0      **Damage to vehicles/facilities:** 0

**Donations and drink/food sale, sale of merchandise:** Not counted at this time.

#### **Rocket Topics and Issues:**

1. It was a great day for launching. Beautiful weather for August.
2. Welcomed some new faces from Rick's campaign flyers from Hobby Town, Student from North Kentucky University and a teacher from Great Oaks came to watch. Great to meet everyone and hope you had a good time, and we are looking forward to having you back soon.
3. Thanks to Lee Berry of Merlin Missile Solutions for setting up his store and supplying the rocketeers with needed equipment. Lee's granddaughter Elle won closet to the pad.
4. Thanks to Gary for running launch control and the rest of Club members for helping.
5. Robb flew his DJI Mini 2 drone for the first time, but when it came to a rescue mission, the batteries were drained. I will have to plan accordingly next time.

Next meeting: Tuesday September 3rd, meet at Lebanon Library 6:30PM

Next Launch: Sunday, September 8th, Hisey Park

The Club's Motto..... "Sapientia ducet ad astra" – "Wisdom leads to the stars!"



Elle Posing at the Pad, the winner of closest to the pad. Great Job!



Flight Line being readied.

Beautiful Skies and Red Max

Launch Control













- **FUN FACTS:** Model rocketry has been a popular hobby since the 1950s, allowing enthusiasts to launch miniature rockets into the sky for thrilling fun and educational experiences. **Over 500 Million flights have been recorded and the hobby has an exceptional safety record.**