



Rocket Building Workshop



Saturday, August 24, 2024

1:00 PM to 4:00 PM --- Cherry Street Pavilion

The Ripley Ohio Association of Rocketry NAR Section #851 will offer a rocket building workshop for 20 participants, age 10+ (kids/adults). A parent or guardian must sign a permission slip for those under age 18. A \$5 kit (\$20 value subsidized by the Ripley Rocket Club) must be purchased prior to the workshop at the Cherry Street Pavilion - only 20 kits will be available and sold on a first-come, first-serve basis. The Ripley Rocket Club can offer the kits at reduced cost thanks to a generous grant received from Tom and Jane Zachman.

Each rocket kit will include a Quest Astra III and an Estes A8-3 rocket motor. The rocket building workshop will be conducted in the Cherry Street Pavilion. The rockets built during the workshop will be used for the sport rocketry launch demonstration which will take place at 5 PM at the Cherry Street ball field. The Ripley Rocket Club will provide all launch equipment, demonstration, rockets, rocket motors, sound equipment, and rocket safety equipment.

The rocket kits can be easily put together without any glue in less than an hour. The Ripley Rocket Club members will assist in the construction of the Astra IIIs. Coloring pens will be made available so the participants can decorate their rockets. After the demonstration flight the rocket is theirs to keep and fly again later.

At the launch each participant will have their name announced over a loudspeaker along with the name of their rocket and after a five second countdown, they will push the launch button all by themselves. Friends and family members are encouraged to watch their rocketeer fly their rocket. Each person that launches a rocket is solely responsible for their rocket's flight. The Ripley Rocket Club has liability insurance through its national organization, but it only covers official club members.

In addition to workshop participant rocket launches, the Ripley Rocket Club will also launch several unique sport rockets.

Remember rocketry events are weather dependent and if there is unacceptable wind, lightning, or rain this event will be cancelled by the Ripley Rocket Club.

