



3... 2... 1...

LIFT OFF !!!

Join us for the 2011
Pack 195 Rocket Rally

Saturday, July 16, 2011
10:00 AM to 1:00 PM
at Patricia Allyn Park

Scouts, their family & friends can purchase a model rocket kit with 1 motor for \$10 from Pack 195 while supplies last.* Or find your own model rocket and engines and come join the fun!

Launch pads and technical assistance will be provided!

For the latest updates, visit www.SpringboroPack195.com



* To place your order or confirm availability of kits, email or call:
JonRatliff_Pack195@yahoo.com
937-272-5119 (Cell)
Return your order form with payment to:
Jonathan Ratliff
138 Brookmount Road • Dayton, OH 45429



✂----- order form -----✂----- order form -----✂

Name _____ Den or Patrol _____

_____ Rocket Kits @ \$10 per kit (includes 1 Motor) = _____
QUANTITY TOTAL

Your Telephone # _____ E-mail _____

***** Make your check payable to "Pack 195" *****

Rocket Rally - Frequently Asked Questions

Q: *Where is Patricia Allyn Park located?*

A: Patricia Allyn Park is in Clearcreek Township on State Route 48. The park is on the east side of State Route 48, three-tenths of a mile south of the intersection of State Routes 73 and 48.

Q: *Is the Rocket Rally only intended for boys currently in Pack 195?*

A: No! This event is open to all our Scouts *plus* their family & friends. Siblings, parents, step-parents, grandparents, cousins, aunts, uncles, neighbors, teachers – everyone is welcome!

Q: *We had to use a BSA-approved kit to build our Pinewood Derby car. Is there an “official” BSA model rocket kit we must use to participate in the Rocket Rally?*

A: No! You can build and fly any sort of model rocket you want at the Rocket Rally. The only limitations are imposed by your time, your budget, and your building skills.

Q: *Where can I buy my model rocket kit?*

A: Model rockets of various size, complexity and cost can be purchased at chain stores (K-Mart, Wal-Mart), hobby stores (Hobby Lobby, Michael's Arts & Crafts, The Hobby Shop) and from many online sources (just do a web search for “model rocket”). Pack 195 has a limited number of model rocket kits to sell. **These kits are available on a “first come, first serve” basis.** If you're interested in buying a model rocket, please contact Jon Ratliff at JonRatliff_Pack195@yahoo.com

Q: *What sort of model rocket is Pack 195 selling?*

A: We have two different models; the “Astra 1” and the “Viper”, both from Quest Aerospace.

Q: *How much do the Pack 195 rocket kits cost, and what do they include?*

A: The price is the same for the “Astra 1” or “Viper”. \$10 gets you one (1) model rocket kit you must assemble and one (1) 18mm solid-fuel motor that will launch your rocket one time.

Q: *What's the difference between the “Astra 1” and the “Viper” rockets?*

A: Both models can fly up to 1,000 feet high and use a parachute for recovery. The “Astra 1” is 13” tall and has three bare balsa wood fins which are individually glued to the cardboard rocket body; its nosecone is white plastic. Painting is recommended after the model is assembled. The “Viper” is 17” tall and uses a plastic tailfin assembly with four fins. The tailfin assembly and nosecone are blue plastic, the rocket body is gloss white, and decals are included to decorate the rocket body. Painting the rocket is optional. For photos and additional details see the Quest Aerospace website at <http://www.questaerospace.com/itemdesc.asp?ic=1004&eq=&Tp=> and <http://www.questaerospace.com/itemdesc.asp?ic=1008&eq=&Tp=>

Q: *Which model should I get, the “Astra 1” or the “Viper”?*

A: Both models are rated “Skill Level 1” - for Beginners. The one-piece plastic fin assembly of the “Viper” reduces assembly time. It's not difficult to individually glue the wooden fins onto the “Astra 1”, but it takes additional effort, as does painting the finished model. Still, many boys will get a feeling of accomplishment from doing this. I often recommend the “Astra 1” for WEBELOS, but there are always exceptions.

Q: *Can I buy additional motors at the Rocket Rally?*

A: Yes, we will bring extra type A6, B6 and C6 18mm solid-fuel rocket motors for the “Astra 1” and “Viper” rockets. The price is \$2 each. All motors will be sold “first come, first serve”. If you are not planning to launch an “Astra 1” or “Viper” rocket YOU MUST CONFIRM THE CORRECT MOTOR FOR *YOUR* ROCKET as different rocket models use different types & sizes of motors.

Q: *What if we buy a rocket kit from the Pack, but then we can't make it to the Rocket Rally?*

A: After the Rocket Rally, I'll be happy to loan you the equipment you'll need to launch your rocket on your own.