

Neo Standard

Instructions/Notes for Teachers/Group Leaders

It is recommended that you read and understand the instructions before starting with your group. If you have never built a model rocket before, it is suggested that you build one yourself before starting with your group.

As soon as possible, please check all the provided parts to be sure they are in the correct quantities and none have been damaged in transit. You don't want to wait until the day you are planning to start building in case you happen to be missing item(s). We take great care to be sure all parts are counted correctly and packaged safely, but please be sure to double-check. If any parts are missing or in need of replacement contact us through the website. The instruction sheet and the Bulk Packing List show all the parts and the quantities of each per model.

You are provided with one copy of the instruction sheet, if desired you may photocopy as many as desired if you want to provide copies for each modeler. You may need to photocopy the page of Tube Marking Guides so that you can cut out one guide for each modeler to use. You can also download a copy of the instructions as well as sheets of extra Tube Marking Guides from our website and print as many as you like (go to the product page for this kit).

Some materials may be provided in bulk and need to be cut or separated before beginning construction:

- Locate the Kevlar Shock Cord Material (it looks like a piece of heavy thread) and cut into 48" lengths.
- The laser-cut Balsa Fins will need to be separated from the balsa wood sheets - do this carefully so as not to damage the fins - you may need to use a sharp hobby knife or single edged razor blade.
- Locate the bag with the Parachute Materials. Cut the Shroud Line Material (thread) into 24" lengths - each parachute will need four lines 24" long. Cut the appropriate number of Self - Adhesive Discs (reinforcements) from the roll or sheet of material - each parachute will require eight reinforcements each.
- The plastic Nose Cone has a molded plastic piece on the inside of the eyelet that will need to be removed (see Step #8 on the instruction sheet). Depending on the age/skills of the group you may wish to do this ahead of time for them. Be careful not to cut off or break the eyelet while doing this.

If using any finishing materials such as Sanding Sealer, Spray Paint, etc., be sure to do so in a well ventilated area (outside if possible).

The Rocket Caddy sheet may be photocopied onto stiff card stock and constructed as shown on the sheet. The Caddy can then be used to hold the model while fins and fillets dry, etc. You can also download a copy of the Rocket Caddy and print as many as you like (go to the Downloads section under Resources on our website).

If you have any questions, please contact us via our web site (www.asp-rocketry.com).