



 \cap

The Pterodactyl Jr. kit contains all the parts necessary* to build a flying high power rocket:

- 1) Pre-slotted main airframe
- 1) Nose cone
- 1) Piston ejection kit including:
 - 1) Piston body
 - 1) Piston strap
 - 1) Slotted bulk plate
 - 1) Metal "D" ring
- 1) Motor mount tube (38mm)
- 1) Standard centering ring
- 1) Notched centering ring
- 1) Elastic shock cord
- 2) 3/8" launch lugs
- 1) Instruction sheet (this one!)

**Epoxy*, *paint*, *and motor not included*.



The center of pressure (CP) of this rocket is 29 inches from nose tip. After finishing your rocket, permanently mark the center of pressure on the airframe. CP Calculations were made using 'ALT4' CP program for subsonic flights. After loading the rocket with a motor, make sure that the center of gravity (balancing point) is at least 4.0" forward of the center of pressure mark. The center of gravity can be moved forward by adding weight to the nose cone. The average finished weight of this model is 39 ozs. It is impossible to test every rocket with every motor configuration therefore, if you are unsure about motor selection for any rocket consult the motor manufacturer.

|| || ||

When tying the shock cord to the parachute and the "D" ring, loop the shock cord through twice then tie a double overhand knot. Pull the knot tight and leave 2-3 inches of excess cord after the knot.

Now it's time to paint and detail your rocket!

Copyright 1996