



A bunch of ideas were tossed around on the newsgroup, a kit-bash/parts list seemed to be the predominant opinion. This list will hopefully satisfy those involved and allow enough flexibility to be creative. The basis of the list is that old standby - the Estes Gemini DC. A fun little rocket with 3 nosecones, big fins, and a nifty dual recovery system. Should you decide to go out and buy the kit all you'd need to do to fill out the list is to add some cardstock and a length of dowel.

- 1 ea. BT-50 18"
- 1 ea. BT-20 18"
- 2 ea. BT-20 nosecones
- 1 ea. BT-50 nosecone
- BT50 bulkhead
- 2 ea. BT50-20 centering ring (heavy kraft tube type)
- 3" x 12" balsa at 3/32"
- 5.5" x 8.5" cardstock
- 1/16" x 12" wooden dowel
- motor hook
- launch lugs and recovery system as necessary for safe operation

If you would like to buy all these parts in one fell swoop, please visit our long-standing Descon supporter, ASP and ask for the Descon X kit.

<http://www.asp-rocketry.com/components.html>

Should someone want to build an HPR entry then the list would be:

- 1 ea. 36"x3" Body Tube
- 2 ea. 34"x2.1" Body Tubes
- 1 ea. 3" Nose Cone
- 2 ea. 2.1" Nose Cones
- 2 ea. 2.1" Coupler Tubes
- 1 ea. 36"x1.6" Body Tube
- 1 ea. 29mm Motor Mount Tube
- 3 ea. 29mm - 3" Centering Rings
- 1 ea. 3" Bulkhead
- 4 ea. 12"x12"x1/8" Birch Ply boards for fins and anything else
- 1 ea. 1/4" Launch Lug
- 8.5" x 11" cardstock, .011 G10, or equal
- 1/8" x 24" dowel
- motor retention system
- rail buttons and recovery system as necessary for safe operation

If you would like to buy the parts all from one spot on the net, please contact another longtime Descon supporter Blackhawk R&D, ask for the Descon X kit. <http://www.blackhawkrd.com/>

email: [blackhawk@raven-villages.net](mailto:blackhawk@raven-villages.net)

A terrific resource for creating your own distinctive vehicle is Apogee Rockets "Designer Resource Pack" Use appropriately as a replacement for the cardstock allowance.

[http://www.ApogeeRockets.com/construction\\_supplies.asp#designer\\_pak\\_anchor](http://www.ApogeeRockets.com/construction_supplies.asp#designer_pak_anchor)

"Create and build vast armadas of rockets! Great ideas for home-made rockets are easy to develop with this large assortment of templates and patterns. Different from anything ever before created to allow you to stylize your models with a distinctive appearance. The 5 sheet set includes: Fin Templates, Paper Canopy Patterns, Cardboard Nozzles, Paper Nose Cones, Inlet Ducts and MUCH MORE! Use these in various combinations to make hundreds of different rocket designs!"