



OOP Estes Mars Lander



Read and follow the NAR safety code during all your model rocketry activities.

This model rocket parts kit is provided free of any warranty.

KosRox can not be held liable for damage to persons or property caused by the use, abuse, misuse, failure to comply with instructions or improper storage of this product.

This parts kit includes most of the "hard to get" parts for the Estes Mars Lander. It includes items such as the bulkheads, shrouds, tubes, balsa parts and a few others. It does not include instructions, elastic (for legs) or the surface details of the original Lander. The instructions can be downloaded from JimZ's web site. (<http://www.provide.net/~jimz/jimz.htm>)

The parts in this kit have been reproduced using CAD technology and are cut with CAM Laser machining. The parts in this kit very closely follow the original Estes Mars Lander kit in size and shape. But, no guarantees are made to the exactness. These parts should go together with a fair degree of accuracy.

Some additional parts have been included to allow for conversion of the Lander to "D" power. A bt50 tube and alternate centering rings can be substituted for the original bt20 sized tube and centering rings. This will allow 24mm motors to be used in this model. However, make sure that enough nose weight is added to bring the balance point (with motor installed) to the bottom edge of the large shroud. This will require a significant amount of nose weight (drilling multiple holes and gluing lead shot is one technique).

Visit the KosRox site for photos of the Lander and for building tips. <http://www.tela.com/~dtkostron/>

Parts List

Qty	Part Description
1	Centering Rings (pack)
1	Card Stock Shrouds (pack)
1	BT100, 3.5" (Main Body)
1	BT100, 1" approx (Coupler)
1	BT60, 6.7" (parachute tube)
1	BT50, 4" (alternate motor tube)
1	BT20, 4" (motor tube)
1	BT20, 2" approx (pads)
1	1/8" Lug 10"
1	1/8" Lug 6" (Cylinders)
1	Balsa Fins/legs 1/8"
1	Balsa Nose Cone
4	1/8 Dowels 18"
1	Decal
1	Poly Tube (hinge)