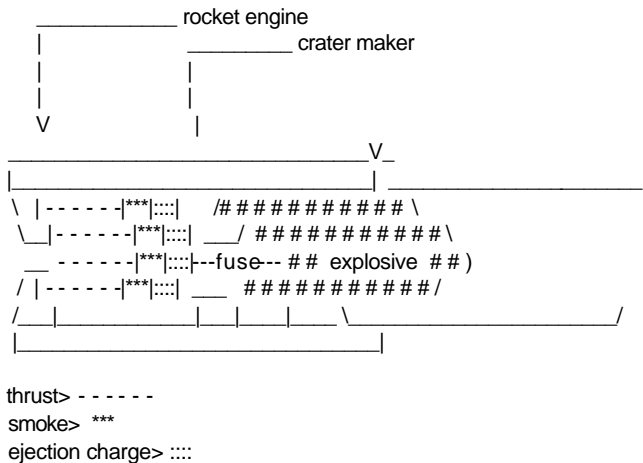


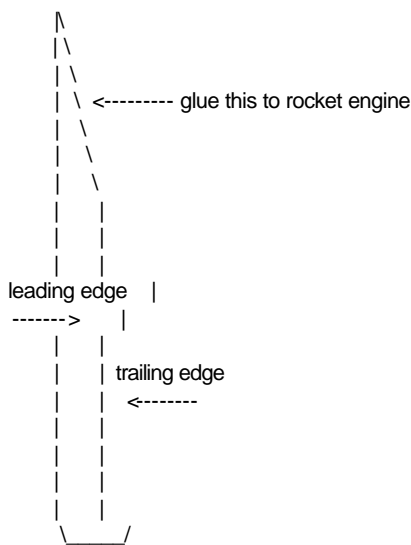
**BASIC ROCKET BOMB**

A rocket bomb is simply what the name implies: a bomb that is delivered to its target by means of a rocket. Most people who would make such a device would use a model rocket engine to power the device. By cutting fins from balsa wood and gluing them to a large rocket engine, such as the Estes "C" engine, a basic rocket could be constructed. Then, by attaching a "crater maker", or CO<sub>2</sub> cartridge bomb to the rocket, a bomb would be added. To insure that the fuse of the "crater maker" ignited, the clay over the ejection charge of the engine should be scraped off with a plastic tool. The fuse of the bomb should be touching the ejection charge, as shown below.



Duct tape is the best way to attach the crater maker to the rocket engine. Note in the diagram the absence of the clay over the ejection charge. Many different types of explosive payloads can be attached to the rocket, such as a high explosive, an incendiary device, or a chemical fire bottle.

Either four or three fins must be glued to the rocket engine to insure that the rocket flies straight. The fins should look like the following diagram:



The leading edge and trailing edge should be sanded with sandpaper so that they are rounded. This will help make the rocket fly straight. A two inch long section of a plastic straw can be attached to the rocket to launch it from. A clothes hanger can be cut and made into a launch rod. The segment of a plastic straw should be glued to the rocket engine adjacent to one of the fins of the rocket. A front view of a completed rocket bomb is shown below.

