

Making a Reflector Style Solar Cooker

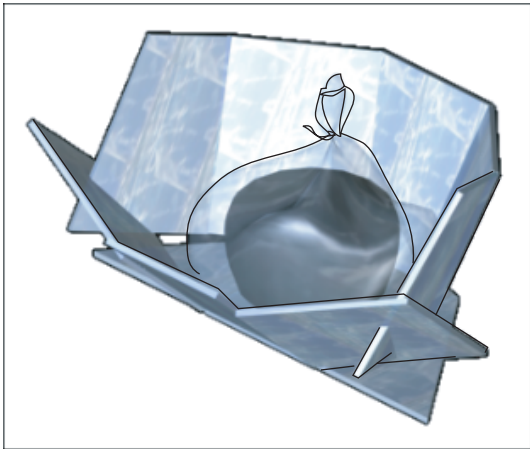
It's portable, and, like its parent, the world-famous CookKit, the Eagle folds up to the size of a large book.

What makes the Eagle special is that the pattern is made of American-standard 8 1/2" X 11" paper (the kind you put into a typical printer). There is very little measuring involved, and no use of a compass to measure any angles. The pattern is made by connecting corners and edge marks made with a ruler.

"THE EAGLE" by Manda

CookKits by the thousands are used in many nations around the world!

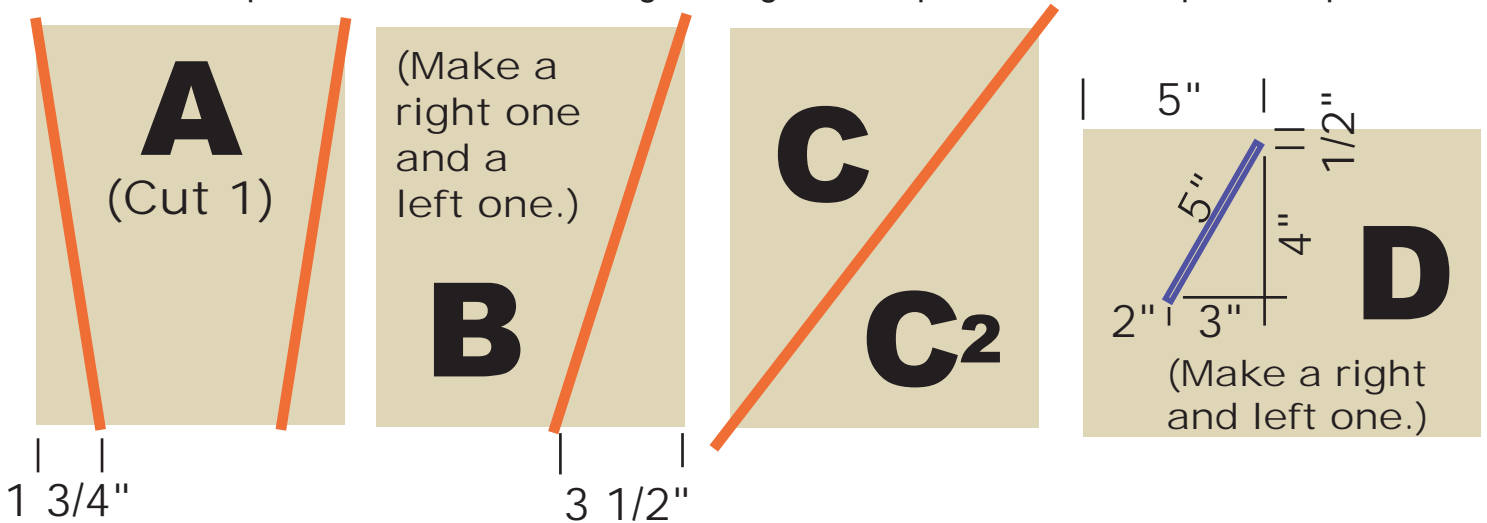
<http://solarcooking.wikia.com/wiki/Cookit>



This kind of cooker requires one heat-resistant plastic oven bag ("turkey roasting bag") and a pot (preferably black) with a lid.

It can be made out of a single piece of cardboard or it can be constructed out of 11 smaller pieces duct-taped together. The easiest way to make one is to make a set of paper pieces first, then trace them onto the cardboard.

Four kinds of pieces are used to making an Eagle. Four plain sheets complete the pattern.



Once the pieces are cut out, they are assembled with duct tape. Then, ordinary foil is glued on, using gluestick or white all-purpose glue. To make any exposed cardboard surfaces more water-resistant coat with a 50/50 mix of white glue and water.