



## Cup Kite

*Frame Sticks* Three dowel sticks are used in this interesting cup kite. Stick "A-B" is  $\frac{3}{16}$ " in diameter and 12" long. Stick "C-D" is  $\frac{1}{4}$ " in diameter and 17" long, while the third stick "E-F" is  $\frac{1}{4}$ " in diameter and 25" long. Dowel sticks seldom need sandpapering, but each should be given the balance test. (See Page 4 "Frame Sticks").

*Outline String Attachments* The outline strings in this kite serve two purposes. They hold the sticks together and carry the cups which take the place of the usual kite covering. The string "X-Y" is 44" long. The distance "X" to "A-B" is 8", while stick "C-D" is 11" below "A-B". Stick "E-F" is 14" from "C-D", and point "Y" is 11" below "E-F", as shown in the plan. Before applying this string, ordinary cone-shaped paper drinking cups must be obtained. You will require nineteen of them. They can be purchased for a few cents. Each

cup is equipped with a weight, as shown at "H" in the plan. These may be split sinkers, such as fishermen use, or regular B-B shot. These lead weights may be grooved with a knife and a length of light thread tied around them. The other end of the thread is then fastened through the rim of the cup, as shown. The cups are threaded on the outline string by tying a knot in the string just outside the point of the cup. The string is then passed through a hole in the point of the cup, through the cup and out, as shown at "G". Weave the five cups on string "X-Y" and fasten it to the sticks, as shown. A second string is then started at "X" and passed through points "A", "C", "E", "Y", "F", "D", "B" and back to "X".

*Flying String and Bridle* The "E-Y-F" part of the outline string serves as a bridle. The flying string is attached at point "Y". The tiny lead weights on each cup serve as tails.