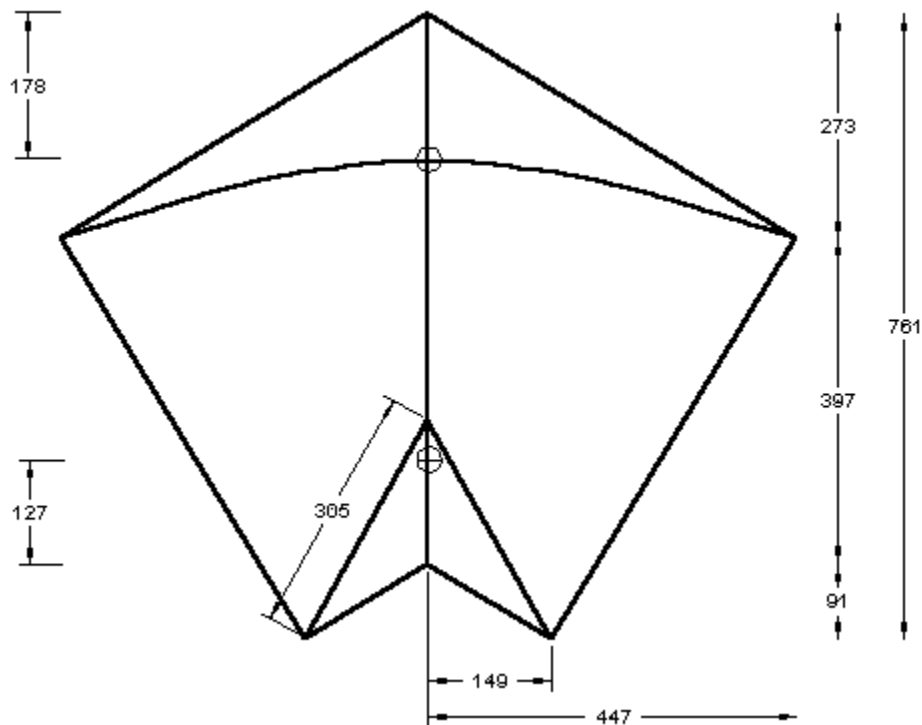


Desperato Kite

by Leyland Toy

(From "American Kite" magazine, Spring 1989)

This kite is intended for very light winds and is therefore best made from lightweight materials and flown on a light line.



(Plan dimensions in millimetres)

DETAILS:

Sail: "Rescue Blanket" (Mylar) material is good for the sail, but use tape on the edges to prevent tearing.

(Mylar is obtainable from [The Highwaymen](#))

Bow: 1/8 inch diameter dowel (inches used in original drawing)

Spine: 3/16 inch diameter dowel

Stiffeners at rear: thin bamboo, 305 mm long.

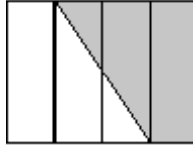
Bridle:

Top leg, 406 mm

Lower leg, 533 mm

Two crepe paper tails 25mm wide and 2 metres long may also be added.

An alternative method of obtaining the size of the sail is as follows:
Take a sheet of paper $27\frac{1}{2}$ inches wide and $22\frac{1}{2}$ inches high.
Fold it into four columns and draw a line across as shown in the diagram below.



Cut on the "diagonal" line to get the shape of half the kite.
(The measurements on the drawing above were calculated using this method.)

Some fliers prefer to make a smaller version, say, $3/4$ size.
It may also be re-structured for higher wind conditions by increasing spar sizes and adding heavier tails.