

THE LANCE - $\frac{1}{2}$ A & A Streamer Duration Model

Using an A3-6T engine, this model can achieve 60 sec. durations with a 4 x 40" crepe streamer.

PARTS LIST

- 1 25 cm. BT-5
- 1 BNC-5E
- 1 screw eye
- 1 thrust ring for BT-5
- 1/16" balsa fin stock
- 1 1 1/4" launch lug
- 12" heavy carpet thread

SPECIAL INSTRUCTIONS:

After glueing on the three fins, place one end of the thread along the body tube - fin joint and apply an epoxy fillet to the joint. Place epoxy fillets on the remaining fins for extra strength.

Glue launch lug between 2 fins 1" from rear of tube.

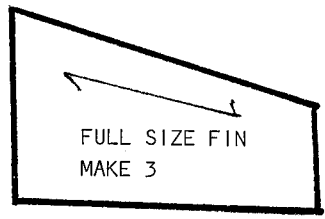
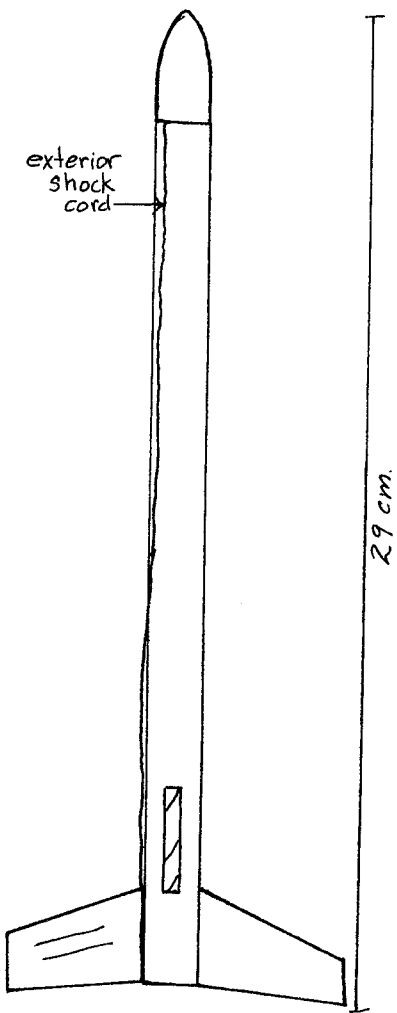
Thrust ring should be glued 1 1/2" deep (1/4" of engine exposed).

Seal all balsa surfaces for a smooth finish when painted. The original model was painted black for easier tracking. With a 40" long orange crepe paper streamer, it's easy to spot on the ground.

A 3" length of shock cord can be attached to the nose cone and the streamer for less of a jolt at ejection. It also makes it easier to change streamers between flights.

Roll the 4 x 40" crepe streamers well ahead of time, pressing down tightly on a hard surface when rolling. A strip of tape across one end with a length of shroud line looped as shown below makes attachment of the streamer to the model easy to do. During one contest, entries that used tracing paper streamers had more tearing of streamers and DQ's than the crepe type, which performed well.

RECOMMENDED ENGINES: $\frac{1}{2}$ A3-4T, A3-6T.



Round leading and trailing edges!

