

SPORT PLAN, JUNE 1990

BUILD THE SPEED QUEEN



by Tony Vincent

Those of you who lived through the Kennedy Years may recognize the name *Speed Queen* as a brand of a washing machine. In fact, this model is named the *Speed Queen* precisely because Diana Ryan says it reminds her of a washing machine agitator.

Glue the two BT-20 body tubes together using the JT-20C coupler. Make sure they are straight.

Glue the EB-20A engine block 2 1/2" into the 4" body tube end. This will leave 1/2" of the engine exposed.

Cut out three of each fin section, and sand the edges square. Glue sections 1 and 2 together as shown (but not section 3, which goes outside the tail ring). Finish the fins with sanding sealer before assembling further.

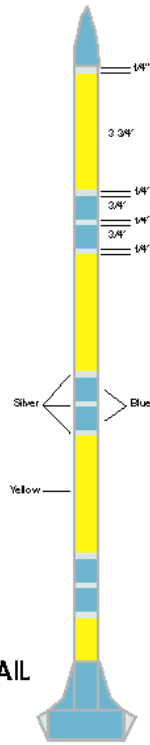
Mark the tube for the fins and launch lugs. Glue the fin assemblies flush with the end of the tube. Test-fit the BT-80 tail ring over the fins, sanding as necessary for a good fit. Glue it in place, aligning the top of the ring flush with the top of the fins.

Glue section 3 of the fins to the outside of the ring in line with the main fins. Glue the launch lugs 1" and 8" from the aft end of the tube. Fill let all fin, lug, and tube joints.

Install a standard Estes shock cord mount. Glue the screw eye into the nose cone and tie the shock cord to it. A small or medium size streamer is sufficient to recover this model.

The original *Speed Queen* is painted yellow, sky blue, and silver, according to the paint pattern shown at right.

Fly with A through C engines with medium to long delays. And no fair pouring Downy in the nozzles.



PAINT PATTERN DETAIL

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PARTS LIST	
1	18" BT-20
1	4" BT-20
1	1" BT-80
1	EB-20A
1	JT-20C
1	BNC-20B
1	Screw Eye
1	12" 1/8" Shock Cord
2	3/8" 1/8" Launch Lugs
1	12" Streamer
1	3/8" Balsa Fin Stock

