

# Paper Tiger

by Peter Galindez

## A Low-Cost Tumble Recovery Rocket for Introducing Class Groups to Model Rocketry

Mom and Dad may have had their paper airplanes, but the space age generation has its own thing: the "Paper Tiger" model rocket.

It's an easy-to-build, low-cost (or no cost) bird that can be a swell hobby or science class project. She's matchless in the durability and versatility department. After a 200-foot swan dive into the pavement, she will fly again and again, even though her appearance would make the "R&D" boys in Penrose, Colorado shudder in disbelief. And she grabs altitude with any engine from 1/2A6-2 on up.

Aerodynamically (though not aesthetically) she is designed to fly. Her center of gravity is well ahead of her center of pressure, with her streamlining left to the "Model T" school of design.

Construction is simplicity in itself, and may be accomplished within two hours.

So grab your cardboard, notebook paper, string, tape, scissors, Elmer's glue, clay, and penny (don't forget the clay and the penny—they put your CG where it needs to be for stability) and get going!

With reasonable care in construction, you may be surprised by the startling performance of that sky streak known as the "Paper Tiger!"

*Peter Galindez was a science teacher at Suffern High School, NY, who used this design to teach hundreds of novices to fly.*

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