



The Tiger

BY MARY LOUISE THOMAS

Speaking of women in aviation, this gas job, built by a girl, is the only "beginner's model" we know of that is a contest winner.



Myrt Thomas launches the Challenger. Design and plans are by brother H. A. Balow—Don't let the paint fool you. It flies plenty.

Having won a class B motor, I was in the market for a plane to fit it. So I had my brother, H.A. Thomas, design me a simple, sturdy model and I built it, entered it in a contest and won first place in B Class. The ship also took first in Class B in our annual meet in Little Rock.

The model is quite conventional. Make a cardboard duplicate of the scale to facilitate enlarging the plans. The grid shown on the tail and wing tip will make them easy to enlarge. Hard balsa, pine or bass should be used for longerons, spars, wing edges, and softer balsa can be used for ribs, crosspieces, et cetera. The plywood pieces in the nose are reinforced

below with pieces of 1/8" sheet on the inner sides. Veneer can be substituted for the sheet aluminum. Where the landing gear passes through the plywood, small plywood pieces should also be cemented on the inside as reinforcement. All ribs are cap-stripped above and below with 1/32 x 1/8" strips. The wing center section is covered with 1/32" sheet balsa.

The camouflage is easy to duplicate. Ivory is the background color, with gray-orange, gray-green and blue-black splashed in at random.

Test-glide the model, moving the battery if necessary to balance.

*Scanned from 1942
Air Trails Annual*

PROPELLER

Leading edge

Cut 3 "A" ribs, 2 ea. of others
From med. 1/16" sheet

A B C D E F

Join

All details shown
full size

