

Peanut Jodel by Ron Stoner and Clarence Mather, Plans courtesy of Bill Hannan's "Plans & Things." all photos by Fudo Takagi

PEANUT SCALE JODEL MASCARET'

BY WALT MOONEY . . . This is the first in a series of models to be presented by a gentleman whose name is synonymous with free-flight scale aircraft that DO fly. FULL SIZE PLANS on next two pages!!

• This little model was designed as a simple scale airplane suitable for flying indoors or out, in a field, or from the street corner. It can be a little disappointing for a designer sometimes and this Jodel turned out to fly far too well for the local street corner. Built according to the plans it is capable of flights of between 30 and 40 seconds indoors and outside it has done more than two minutes, and more than one builder has been worried about losing his in a thermal.

Construction of the model is about as simple as they come and still remain in the built-up category. About the only things that arc different from straight forward rubber model construction are the wheel pants and the canopy which may be formed over wooden block molds with the aid of a Mattel "Vacu-form" toy. If you have a "Vacu-

form" you'll know how to use it and all you'll have to do is carve balsa block molds to the shapes desired and then form the plastic to shape around them. If no Vacu-form is available you can make the parts out of balsa laminations. The canopy can be made out of two pieces without the bubbled contour on the windshield without hurting the appearance very much and without hurling the performance at all.

Use medium weight balsa for the sticks and light balsa for the sheet cutout items. The blocks at the nose can be harder and therefore heavier balsa.

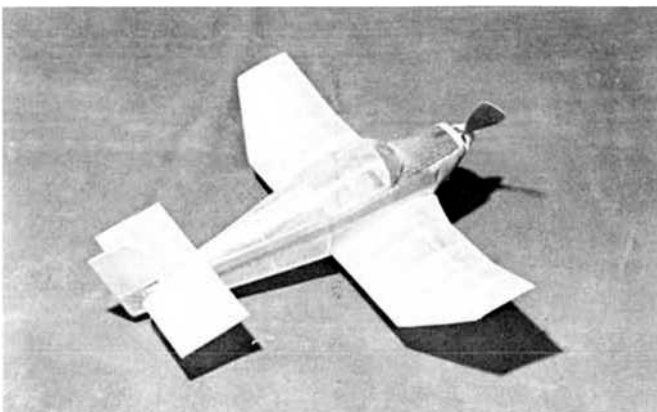
I recommend the Northern Pacific products "Sleek-Streak" as a source of both the propeller and the wheels. They are both light and efficient. The tail wheel need not roll and thus can be simply cut out of sheet and cemented

in place.

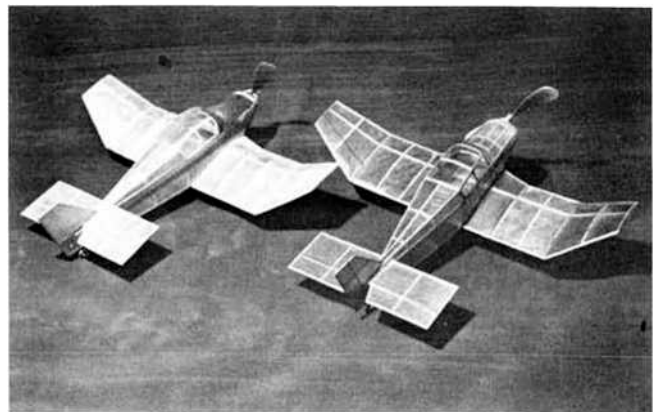
The model should be covered with your favorite colors of lightweight tissue. Superfine tissue is best. It should be shrunk with a very lightly sprayed on fog of water and when dry brush on a thin coat of clear dope. (2 parts thinner to 1 part of dope). The wings and tail should have only a single coat applied whereas the fuselage may have two coats with perhaps a third coat on the balsa parts at the nose.

Flying adjustments are noted on the plan. The power for indoor flying can be slightly heavier for a more snappy climb. Experiment but don't over do it. Remember that adding more rubber will move the balance point aft, so if you do, be sure to rebalance accordingly.

Sand or file the point off the rear motor holding pin if you want to keep your winding helpers happy!



The little Jodel D fto Mascaret" may be built directly from the magazine plans. Be careful outdoors, you may need a dethermalizer¹



Careful inspection reveals that Clarence's model is a little stretched and covered with condenser paper Has done over 1 20 indoors