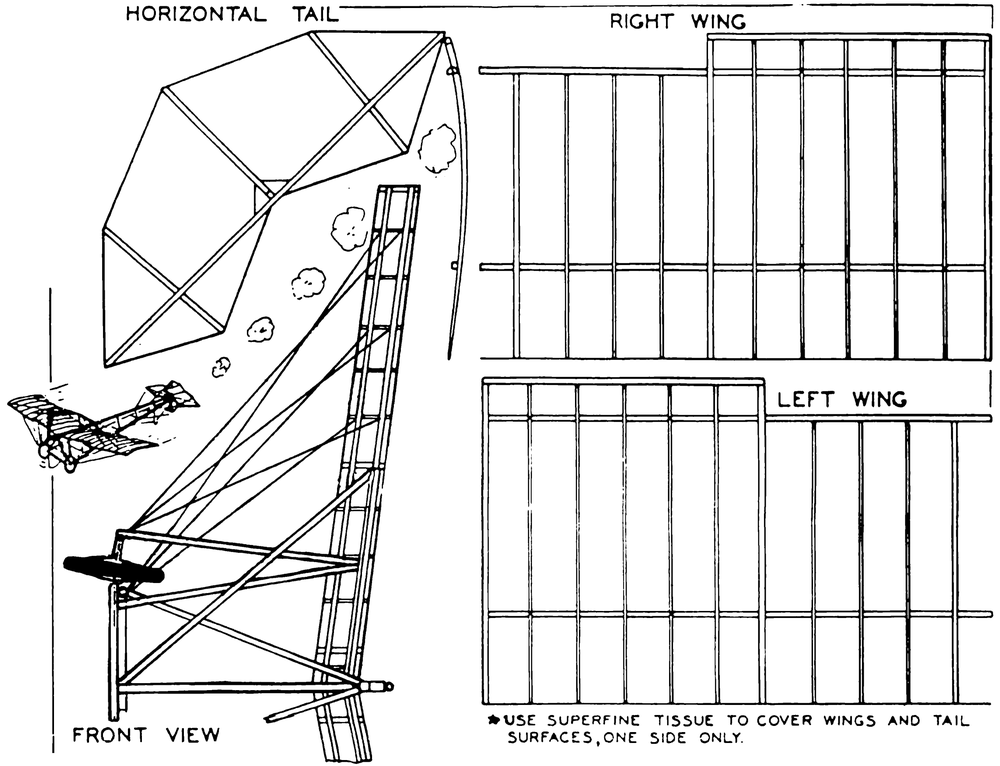

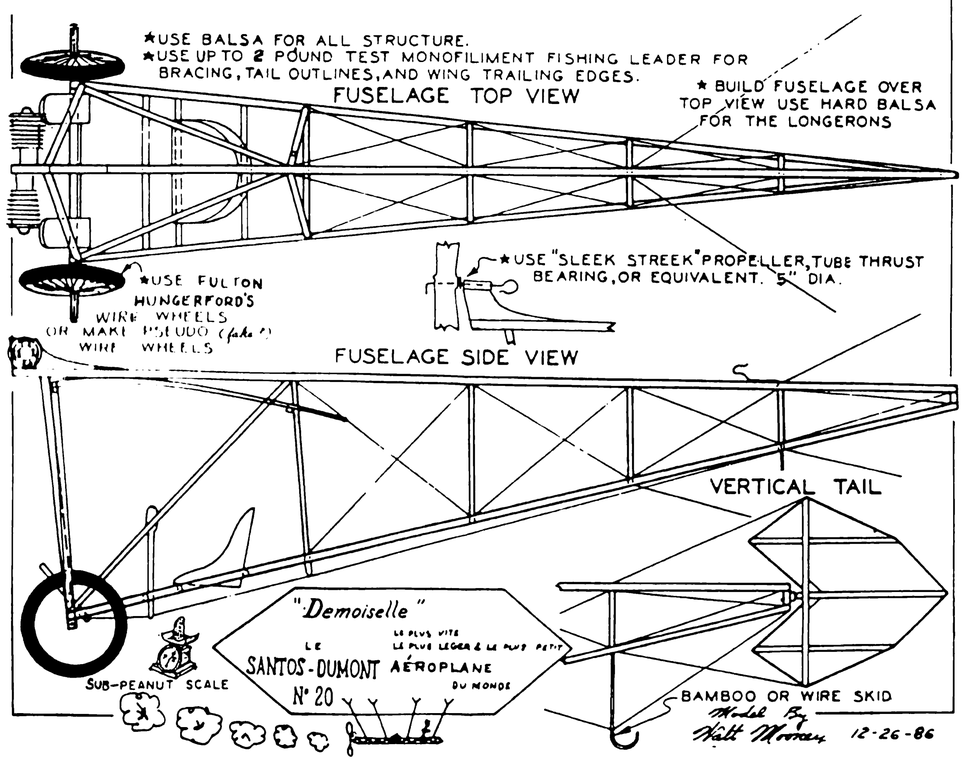

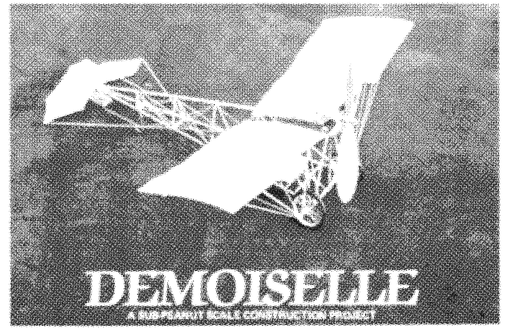

By WALT MOONEY. . .The perfesser of Peanut projects goes diminutive with this delightful Demoiselle. It is Walt's most popular plan, published here for the first time. Flight duration isn't high, but it sure is a cutie!

• The title is in deference to the feelings of Bill Warner who hates the terms, "Pistachio," or "Grapenut" when referring to models that are less than the maximum size allowable by the Peanut Scale rules. Actually this model is a perfectly LEGAL Peanut scale model, nowhere close to being oversize.

In 1966, after the advent of the movie, "Those Magnificent Men and Their Flying Machines" I designed a 12-inch span Peanut Scale Demoiselle, plans for which were sold first by Bill Hannan and then by the Pecks. Amazingly, this plan has sold better than any of my other designs by a significant amount for the last 20 years. That plan was never published in a magazine, so with the growing popularity of the Pistac— Grapen—oops, sub-Peanut class of model this Demoiselle was inspired.

The model in the photos was constructed by Douglas Martin Mooney. It flys quite nicely and looks cute but it is not a world-beating duration model because of the drag of all the bracing and wires which are an essential part of the Demoiselle's charisma.

Construction of the model is pretty well covered on the plan, so only a few key items will be mentioned:

Keep it light, cover it with condenser paper or super fine Japanese tissue, nothing heavier.

Fulton Hungerford makes super wire wheels and this model really needs them: F.H. Wheels, 1770 Lilac Circle, Titusville, Florida 32780.

The longerons on the real Demoiselle were bamboo, so make them with a round cross-section and color them to simulate the bamboo joints.

There are no trailing edge sticks on the wings and no stick outlines on the tail surfaces; use fine thread.

Note that the wheels lean in at the top. Use a straight pin, bent as shown in the front-view, (a contradiction, if I ever saw one), and a short length of tubing, (CA adhesive tube) outboard of the wheels.

Use a small Sleek Streak-type plastic propeller. The Demoiselle has a very short nose and heavy items on the front are OK. Even so the model will probably need

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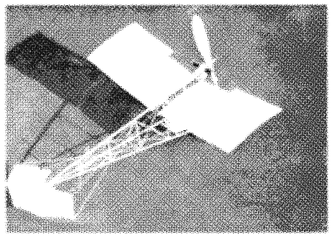

Fine thread is used for trailing surfaces on the wings, and on tail surface outlines too; bracing and wires cause drag, reducing flight times, but who cares? It is a delightful model to behold.