

OLD TIMER Model of the Month

Designed by Hubert B. Lacey

Redrawn by Phil Bernhardt

Text by Bill Northrop

● Plans for this model were first published in the August 1936 issue of Model Airplane News. Typical of the time, the plans lacked a great deal of information, leaving things pretty much up to the individual. However, *untypical* of today, most all of the critical dimensions were given. This was fairly necessary, as in those days, there was no such thing as "Full Size Plans Service."

To add to the mystery in this particular case, no article or photos accompanied the plans. All we know is that it's an 8 foot span gas powered model described as "National Open Champion," original design and model by Hubert B. Lacey, and the plans were drawn by Bill Effinger, dated April 10, 1936.

Knowing that we were to publish drawings of this model, Sal Taibi suggested that anyone building it should reduce the fin/rudder area about 10-15% to eliminate a spiral stability problem. The

BUHL PUP

huge area tends to take over and lock the ship in a turn, which will spiral it into the ground. Plans show the original size.

The model should be terrific as an R/C Old Timer, combining antique with semi-scale. Construction should be kept extremely light, so that the short nose and long tail moment won't cause a great deal of ballast to be added. Wing incidence should be dropped for R/C. We'd recommend setting the flat bottom at zero incidence, which still amounts to a little positive in relation to the centerline of the airfoil. Also, drop the dihedral to about 3 to 5 degrees, and again, reduce the fin and rudder area about 10 to 15%. With this arrangement, ailerons won't be necessary or recommended. Be sure to add 1/16 sheet vertical webbing between wing spars, at least 2/3 of the way out on each panel. The rigging is functional . . . don't leave it out! ●