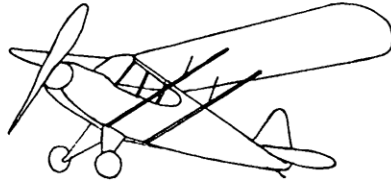


PORTERFIELD-TURNER

Old Timer of the Month

Design by: Claude McCullough
Text by: Bill Northrop
Plan by: Al Novotnik



• On occasion, and this is one of them, we turn away from the all-out competition Old Timer to pick up a design that is remembered down the years for one or more other characteristics. In our opinion, the Porterfield-Turner fits into that category. It was published in the August 1940 issue of *Flying Aces*.

Among its features: It's a rubber scale model; it has great looks; it flies very well; and the plans, unusually well drawn for that period as well as now, were presented full-size in the magazine, and the designer, Claude McCullough, is still well-known for his many excellent creations.

The aircraft was so named because Roscoe Turner, the flamboyant racing pilot, following retirement from active competition, had become vice-president of the Porterfield-Turner Aircraft Co., located in Kansas City. The PT 50 was a tandem two-place monoplane using the Continental 50 hp engine, which cruised at 92 mph while covering 27 miles per gallon of gas.

The model is very conventional in construction, with the wing being built in one piece. Because of the short nose moment, Claude recommended carv-

ing the prop from pine in order to help in obtaining the proper balance point, which as in many old magazine plans, was not located. One-third of the chord back from the leading edge should be a good starting point. A modern plastic prop may provide the extra weight required. Eight strands of 1/8 flat rubber are recommended for power. •