



BEBE JODEL D.9

A scale CO₂ design that is easy to construct and has outstanding potential despite its low wing position. The prototype was really an oversized model.

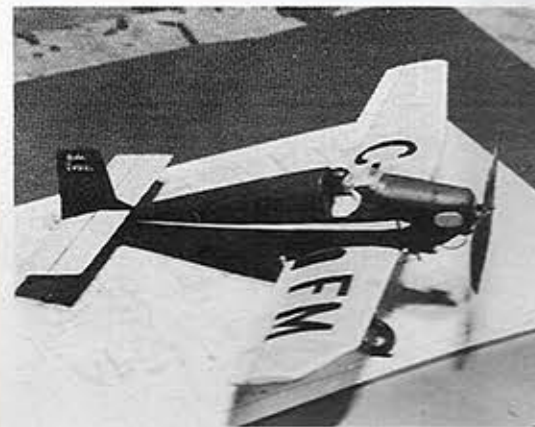
Design by Joe Johnson

Text by "Doc" Mathews

POWERED BY CONVERTED Volkswagen engines abandoned by the retreating German Army, the simple all-wood Jodel D.9 Bebe was to be a great boon to the post-war French sport flying movement. Of simple to fabricate, all-spruce construction covered with plywood and fabric, the Jodel uses a simple rubber sprung undercarriage and an all-moving rudder with no fin. Approximately 700 Bebes have been constructed in France and elsewhere since 1948. The full-size D.9 is truly a "baby" in that its span is only 23 feet and its length 18, and its unusual polyhedraled wing gives it the strong illusion of being an oversized model airplane. That the Bebe Jodel possesses ideal moments for scale modeling is quite obvious, as is its complete freedom from complex curves and curlicues. Several scale models of the D.9 have been published through the years, and several kits produced. We all fondly recall a delightful free flight kit

produced by Midwest for many years. As an exercise in dispelling some of the bad reputation which low-wing prototypes are saddled with, Joe Johnson developed the Bebe Jodel; that it flies extremely well is quickly evidenced by the photos. One need only keep the weight of the model (its center of mass) as far below the center of lift as is practical to successfully free-flight nearly any low-wing prototype. The use of relatively heavy undercarriage and light structures above the wing produces a delightfully easy to trim model possessed of no untoward vices. If any reader questions the need for a heavy undercarriage on this model, we would invite him to construct and trim this model, then cut off the undercarriage. We promise a rapid reduction in flying stability. The use of a CO₂ powerplant coupled with removable wing, and simple construction makes this an excellent first project, as well as a scale model with definite con-

test-winning ability. Whether yours will be for fun or competition, let's show you how simple it is to build this cute little French "Baby."



This little cutie is powered by a Telco CO₂ engine; plans are full size.

