wee bee
by ROBERT D. RAHEY
GOOD THINGS DO COME IN SMALL PACKAGES! WITNESS OUR SMALL ALMOST SCALE CONTROL-LINER THAT FLIES WITH THE BEST

If you don't like being the center of attention, or if you are allergic to crowds, don't build the Wee Bee. You will always have too many launching assistants, because everyone will drop what he is doing and meander over to take a peek. Launch it fast, as the crowd gathers so quickly that soon there is no flying room. Don't get the wrong impression about the Wee Bee. It is not built just for show. It is capable of any of the usual maneuvers, plus a few you've never seen before. It is inexpensive, quickly built, and so light and rugged that it just bounces when it hits the grass. The partial flaps and high Aspect Ratio wing give it good cornering ability and stability. We liked it so well we made a club project and built eight Wee Bee's.

Interested? Want to build one? Well, if you've had a reasonable amount of building experience, the Wee Bee should present no problem to you, and the finished product will be a source of pride and pleasure.

CONSTRUCTION: From 1/16" plywood or hard 1/8" balsa, drill holes and mount the small back plate to firewall, 3/16" off center toward inside of circle. Off-thrust is built in by gluing the firewall 1/16" farther back on the outside of the circle. By mounting the motor off center, spinner will come out fairly close to center of fuselage. With very little trouble, motor can also be mounted on its side. (This will be an asset to windy weather flying—7 miles per hour, that is.) Number 2/56 screws were used for this, and the burrs were glued in place, set aside to dry. Bend landing gear to shape and sandwich between 1/32" plywood or 1/16" hard balsa. If .010 or .012 spring steel stock is available, make landing gears similar to duraluminum landing gears using No. 0/80 screws for wheel axles. Glue landing gear in place on former No. 2, having lightly pre-glued all parts. Set aside to dry. Next, cut out all 1/16" contest grade balsa parts. (1/4" holes were punched in all formers except those in cockpit.) Sand rudder fin and stabilizer to shape and glue. (Continued on page 46)