

TWO-TUBE

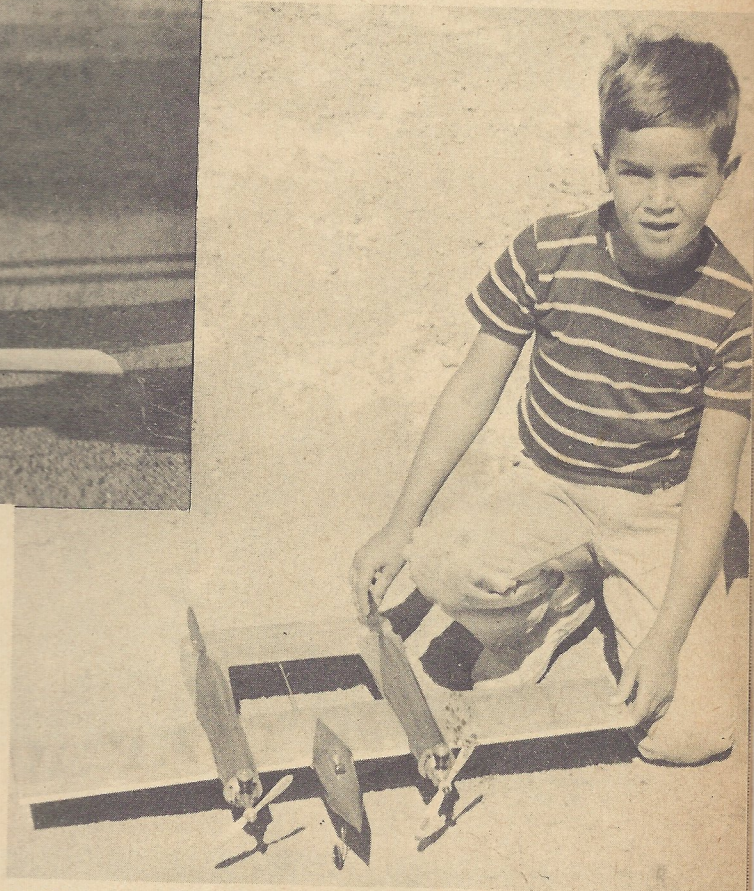
By DONALD MOWRER



The author's son about to release the single engine version of the Two-Tube. Youngsters in the background are really enjoying the flying show.



See what we mean by extra zip, model appears ready to loop on take-off.



Two-Tube with two Babe Bees up front. It must really move with all this power up front and the extra power gives it the zip for stunting.

SIMPLICITY AND IT'S CHEAP. JUST IMAGINE A WRAPPING PAPER TUBE AND ONE OF EVEN SMALLER DIMENSIONS AS THE INGREDIENTS FOR A SUCCESSFUL CONTROL-LINER USING ONE, TWO OR THREE ENGINES.

► One of every modeler's ambitions sooner or later is to go "multi" but constructing one fuselage is more than enough work for the average builder. Who wants to build two? This problem is easily solved by the creative use of a tube insert around which Christmas wrapping paper is usually rolled. Cut it in half, punch a couple of holes, slip in the balsa parts, and you've built a multi quicker than any single engine profile.

Not only does simplicity characterize the Two-Tube, but versatility is an added feature that permits you to fly a single engine version, not to speak of a trimotor set-up. Construction is so simple that it falls together like a five-year-old's picture puzzle.

Construction.

Wing and Fuselage. Begin by cutting ten identical wing ribs from 1/16" sheet balsa. Drill holes for lead-outs and center spar. Mark the rib locations on the 3/16" hardwood dowel and slip on the four inside ribs. Cut a 26 inch long wrapping tube in half and carefully drill the slots for the dowel spar, leading edge and trailing edge. Once this is done, slide the tubes on either side of the four center ribs. Then slide the leading edge and trailing through the fuselage slots and add the outside wing ribs. Center all ribs, taking care that there are no obvious warps, pin ribs where necessary and glue. Next, glue on the top and bottom 1/8 inch square wing struts. The bathroom tissue tube can now be added to the wing center section by cutting two slits in the tube so it can be (Continued on page 54)