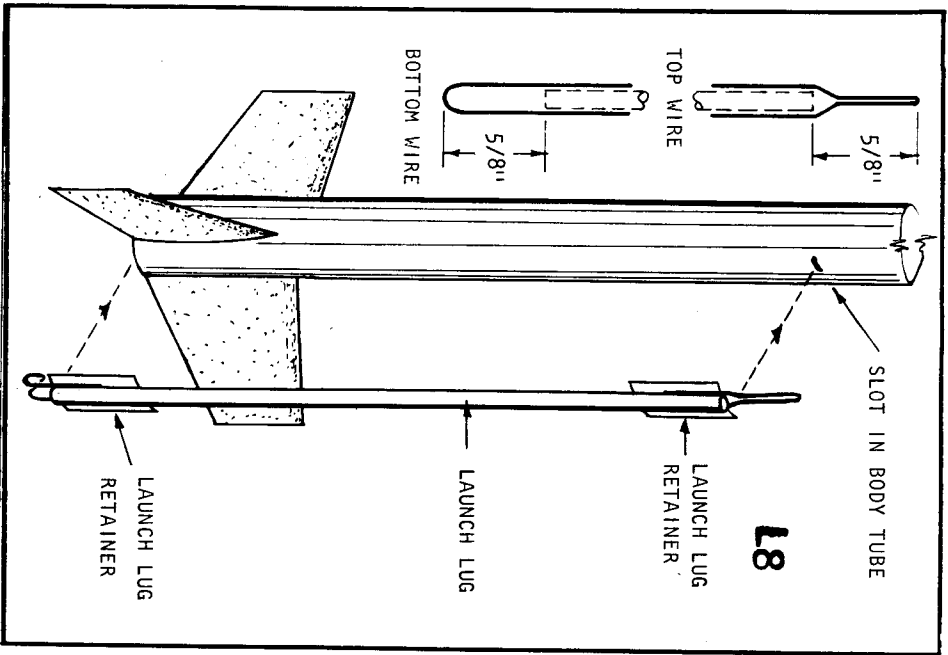


**STAND OFF POP LAUNCH LUG INSTRUCTIONS:**

Cut two pieces of wire 2 3/4" long. Bend one to fit top and one to fit bottom wire patterns shown at left. Glue two small 3/8" x 1" launch lug retainers to balsa stand-off and lay on flat surface so that retainers are on bottom and stand-off is on top. Place wires into junction of launch lug retainers and stand-off so that 5/8" protrudes beyond edge of stand-off. Add more glue until a good fillet is formed. Glue the launch lug along the top of the stand-off. When dry, shape bottom wire to hook over bottom of rocket body tube.

Hook launch lug over bottom of rocket body tube, or lower stage, mark where bend of top wire intersects rocket body. Cut small slot to fit top wire. Bend slot out slightly to allow wire to be inserted. Two slots or two launch lugs of different lengths are required if bird is to be flown single and two stage. Bend protruding portion of top wire inward slightly so that it fits into the slot more easily. Insert top wire slightly into body tube, then hook over bottom and push into place. Adjust so that launch lug is snug but will come off easily when pushed on top.

The pop launch lug is always attached after the rocket is prepared for launching complete with engine, recovery device and nose cone installed. To use pop launch lug, slide lug over rod, wrap top of rod with 2 or 3 turns of masking tape. Rod must be tight on launch pad. After rocket leaves pad the pop lug will remain on the rod. The rocket can be reattached to the lug without removing the lug from the rod.



**POP LAUNCH LUG INSTRUCTIONS:**

Cut two pieces of wire 2 3/4" long. Bend one to fit top and one to fit bottom wire patterns shown at left. Glue two small 3/8" x 1" launch lug retainers to launch lug and lay on flat surface so that retainers are on bottom and launch lug is on top. Place wires into junction of launch lug retainers and launch lug so that 5/8" protrudes beyond edge of launch lug. Add more glue until a good fillet is formed. When dry, shape bottom wire to hook over bottom of rocket body tube.

Hook launch lug over bottom of rocket body tube, or lower stage, mark where bend of top wire intersects rocket body. Cut small slot to fit top wire. Bend slot out slightly to allow wire to be inserted. Two slots or two launch lugs of different lengths are required if bird is to be flown single and two stage. Bend protruding portion of top wire inward slightly so that it fits into the slot more easily. Insert top wire slightly into body tube, then hook over bottom and push into place. Adjust so that launch lug is snug but will come off easily when pushed on top.

The pop launch lug is always attached after the rocket is prepared for launching complete with engine, recovery device and nose cone installed. To use "pop" launch lug, slide lug over rod, wrap top of rod with 2 or 3 turns of masking tape. Rod must be tight on launch pad. After rocket leaves pad the "pop" lug will remain on the rod. The rocket can be reattached to the lug without removing the lug from the rod.