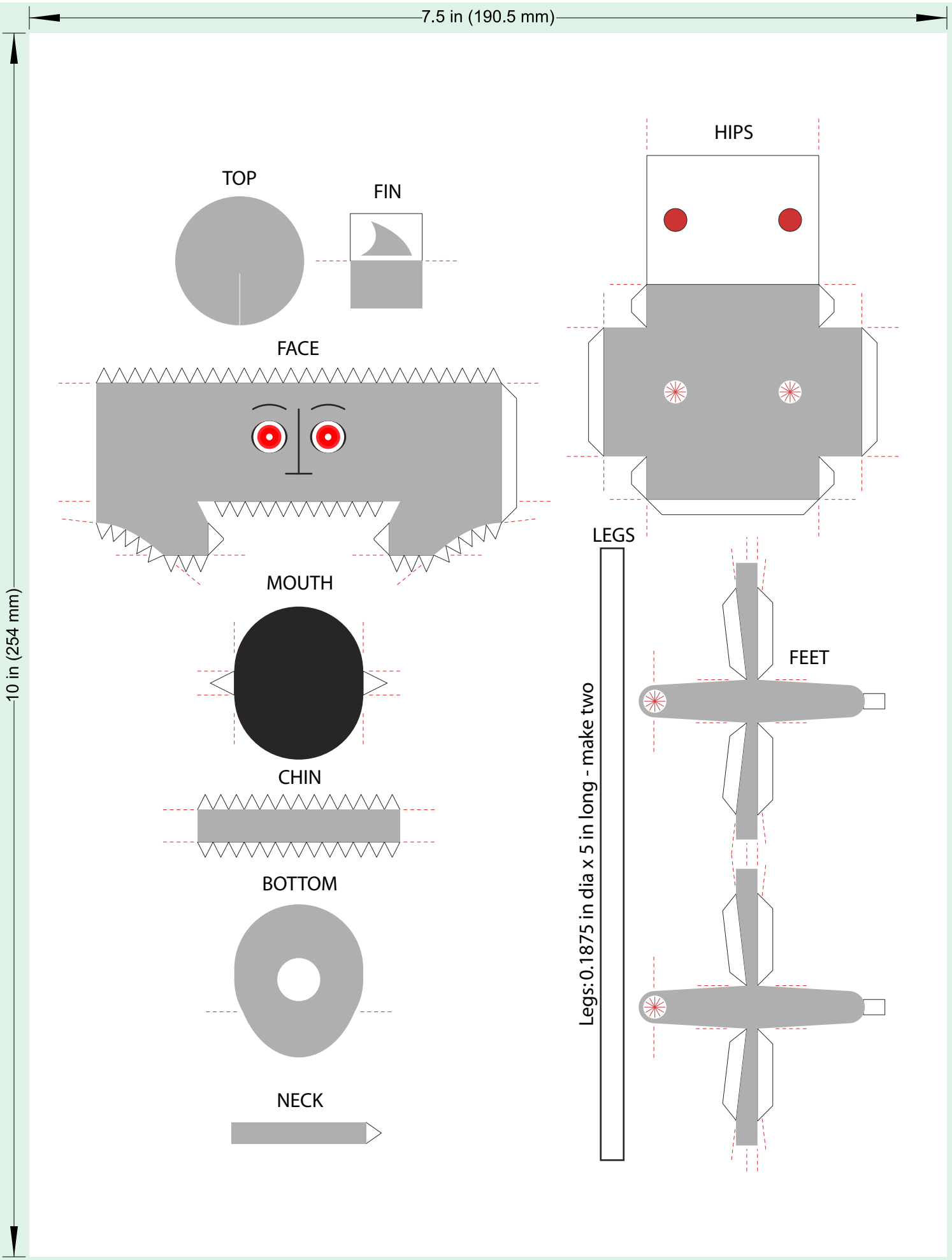

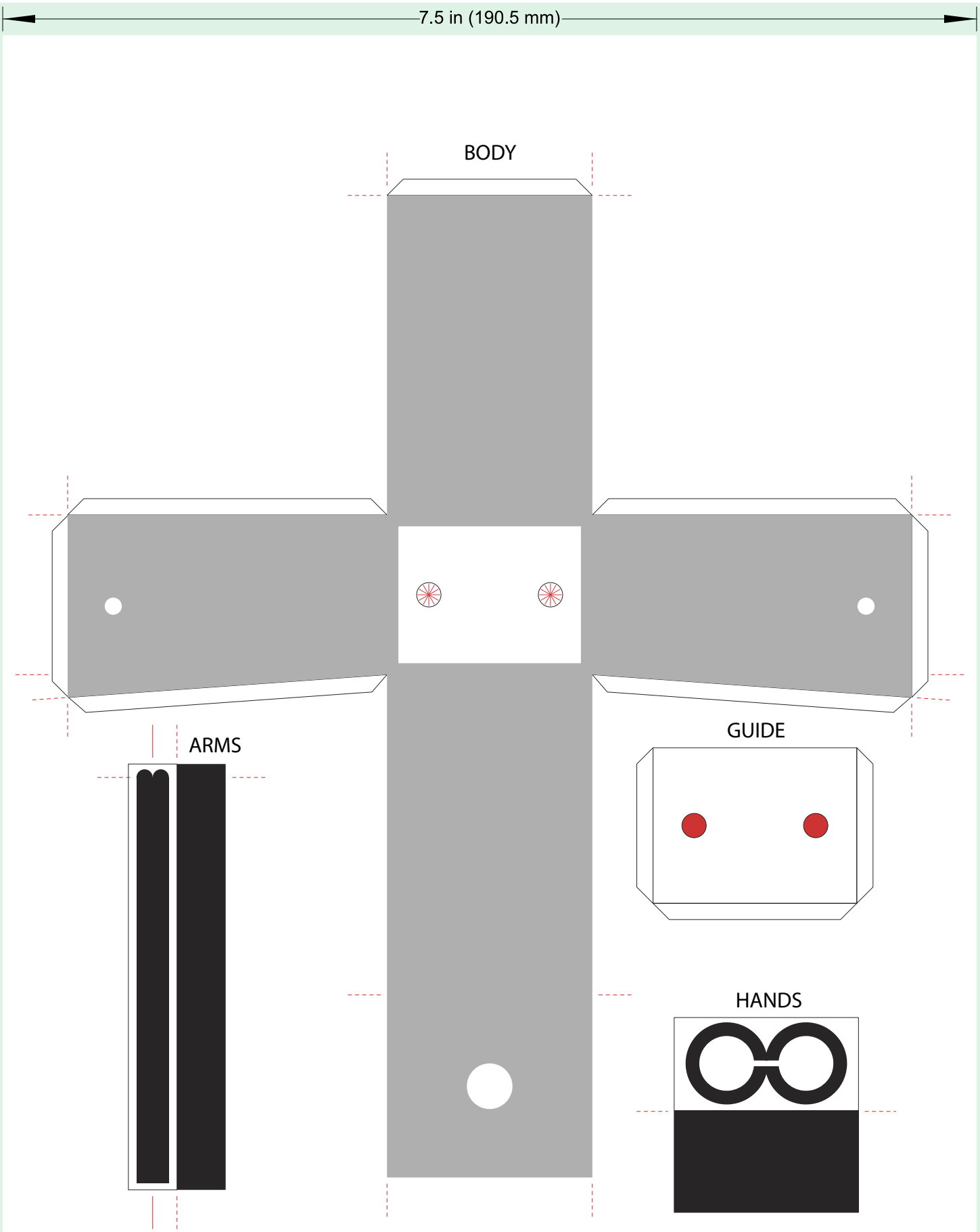

This model of "Clango Cyclotron," from R. Stevens's Web comic "diesel sweeties," will require, in addition to the usual card stock, glue, and tools, two pieces of either paper lollipop stick or wooden dowels, 5 inches (127 mm) long and from 1/8 to 3/16 inches (3 to 5 mm) in diameter.

The assembled model stands a bit over 6-1/2 inches (165 mm) tall at the top of the head, in approximately the same 1:12 scale as Red Robot #C-63.

Please read all of these instructions before beginning!

Begin assembly with the head. Score where indicated by dashed red lines on the FACE, HEAD, MOUTH, CHIN, and BOTTOM. Do not score the two tabs within the lower portion of the FACE, the long tab on the right end of the FACE, or the tab on the NECK.

Cut out the square around the FIN and the adjacent grey rectangle. Apply glue to the back of either half and press the backs together. Apply some weight and set aside to dry.

Cut out the FACE and bend all the scored tabs toward the back, then curl the FACE around a dowel to shape it into a cylinder. Do not glue anything yet.

Cut out the MOUTH, fold the two tabs toward the back, then fold the MOUTH toward the printed side along the two scored lines. Cut out the CHIN and fold all the tabs toward the back, then curl the CHIN around a dowel to shape it into a half-cylinder.

Glue the tabs of the MOUTH to the inside of the FACE at the two angled locations within the lower portion of the FACE. Glue the row of tabs in the top of the lower portion of the FACE to the MOUTH. Glue the ends of the CHIN to the two tabs within the lower portion of the FACE. Glue the row of tabs at the top of the CHIN to the MOUTH.

Now close the back of the FACE and glue it at the tab. Cut out the TOP and glue it to the tabs at the top of the FACE with the white line on the TOP pointed toward the front, in line with the nose.

Cut out the BOTTOM and bend it toward the back slightly at the scored line. Glue the BOTTOM to the tabs at the bottom of the FACE.

Cut out the NECK, curl it around a dowel to shape it into a cylinder, and glue it at the tab. Apply glue to one edge of the NECK and attach it to the white circle on the BOTTOM. Cut out the FIN and glue it in place on the white line on the TOP. Set the head assembly aside.

Score the HIPS where indicated by the dashed red lines. Remove the two red circles completely. Carefully cut along the red lines within the other two circles to form tabs. Do not score these tabs, but instead use a piece of whatever you have chosen for LEGS to gently force the opening from the printed side of the part. Remove the LEG. Cut out the HIPS, form it into a box, and glue it together. The LEGS should pass tightly through the tabbed holes and loosely through the other two holes. Set the HIPS aside.

Score the GUIDE, cut it out, and remove the two red circles completely. Score the BODY and prepare the tabbed holes as you did with the HIPS. Cut out the BODY and form it into a box. Glue the back of the BODY to the sides, but do not glue the front or top yet. Glue the HIPS to the bottom of the BODY with the two untabbed holes in the HIPS aligned over the two tabbed holes in the BODY. Position the GUIDE inside the BODY near the top and glue it to the back and sides of the BODY, keeping it square and even. Now glue the front and top of the BODY closed.

Insert the LEGS through the tabbed holes in the HIPS, through the tabbed holes in the BODY, and on up through the untabbed holes in the GUIDE until they stop against the top of the BODY. Glue is not needed, but may be applied if the fit is too loose to keep the LEGS in place.

Apply glue to the edge of the NECK and attach it to the top of the BODY at the white circle.

Score the FEET and prepare the tabbed holes as you did for the HIPS and BODY. This area is extremely fragile, so be very careful while working with the FEET. Glue the sides of the FEET to the bottoms of the FEET, then glue the tops. Fold the square white tabs at the backs of the FEET up and glue the ends to the undersides of the tops of the FEET just at the edge. Curl the grey end of each side around and glue it to the square tab, to the underside of the top, and to the bottom.

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Allow the glue to dry completely before proceeding.

Once the glue has dried, position the FEET over the ends of the LEGS, splayed outward a few degrees. Stand the model up on the FEET and see how it balances; you will probably have to lean the model forward slightly to prevent it falling over backwards. Once you are satisfied with the balance, hold the FEET down on your work surface with one hand and pull the model up out of them. Do not allow the FEET to move.

Dip the LEGS into just enough glue to coat the ends, then slide them back into the FEET, again without allowing the FEET to move. Check to be sure you put the body back in balance, then hold the model in this position until the glue sets.

If the model will still not stand up, cut a circle of card stock about the size of a CD (or use an actual CD) and glue the bottoms of the FEET to it. Alternatively, use your imagination and make a suitable base for Clango and Red Robot to share.

Score, cut, fold, and glue the ARMS and HANDS in the same manner as you did the FIN. Cut the ARMS out first, before the glue sets completely, and shape them approximately into the multiple curves shown in the diagram. Cut out the HANDS and glue the square ends of the ARMS to the back of the HANDS. Glue the round ends of the ARMS to the white circles on the sides of the BODY. If necessary, glue the back of the HANDS to the front of the BODY to keep it in place.