FACE SHIELD

INSTRUCTIONS AND PATTERN

BY OPEN FACE PPE PROJECT

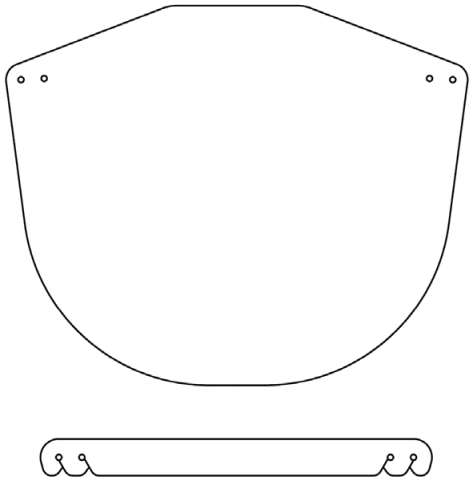
(Patterns after instructions.)

TOOLS

- Scissors
  (or X-Acto knife and cutting mat)
- Hole punch
- Paper
- Marker (thin Sharpie)

MATERIALS

- Tabloid size (11 x 17") sheets of acetate, Mylar, PETm polycarbonate, or any type of clear plastic film (0.007" to .01" thickness). — This size accomodates both the face shield (12½ x 10¼") and the forehead strap (1 x ¾").
- Elastic with at least ⅜" or ½" width.
  (or thick string)



STEP ONE

Print the PDF patterns you see after these instruction pages. The face shield is on 2 pages - hold one half against a window (so you can see through the paper) and place the other half over it using the X's to align them. Tape together to create the full outline.

STEP TWO

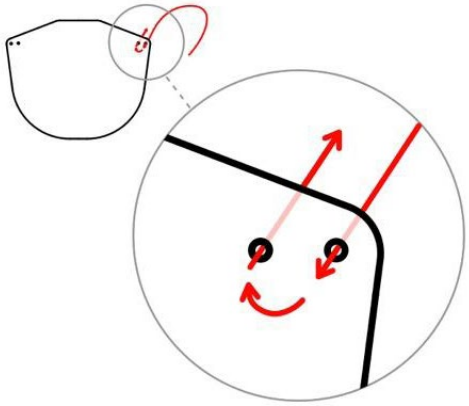
Lay the clear film on top of your printed patterns and trace onto the film using a marker (thin Sharpie). Both the face shield (12½ x 10¼") and the forehead strap (1 x ¾") fit on a tabloid sized (11 x 17") sheet of film.

STEP THREE

Cut the film with scissors or blade. Use a hole punch for the small circles.

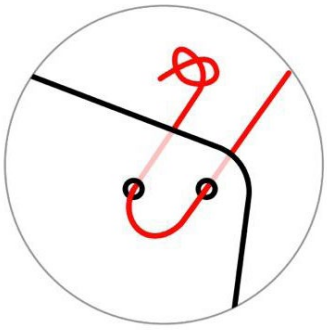
STEP FOUR

Cut elastic into 16-inch-long sections. 17-inch pieces may provide a better fit for those with long hair. (Or use two 17" pieces of thick string that will tie together to tighten the mask.)



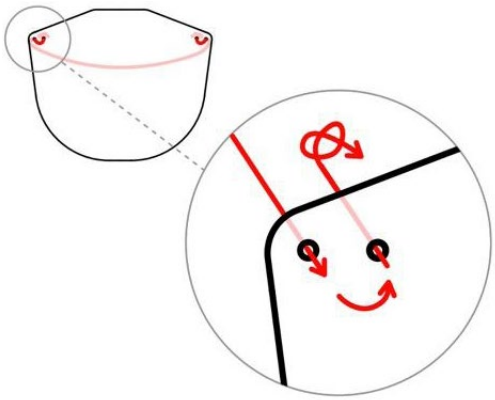
STEP FIVE

Feed the elastic strap through the outer hole, then through the inner hole back out. (Or the first piece of string if using that instead.)



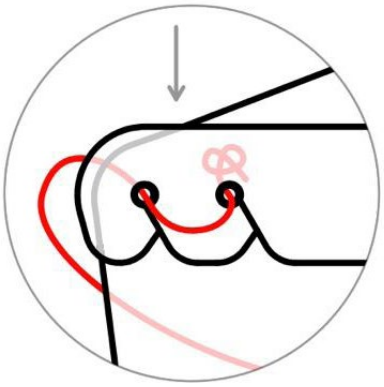
STEP SIX

With the elastic fed through both holes, create a knot on the short end of the elastic to secure it. Tie the knot as close to the end of the elastic as possible.



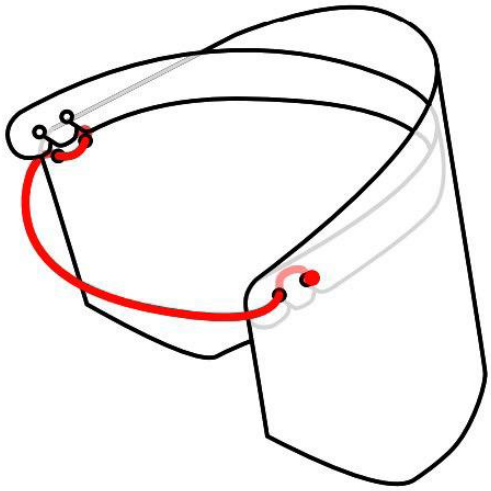
STEP SEVEN

Repeat steps 5 and 6 on the holes on other side of the shield. Making sure to tie both knots on the outside of the shield. (Or the second piece of string if using that instead.)

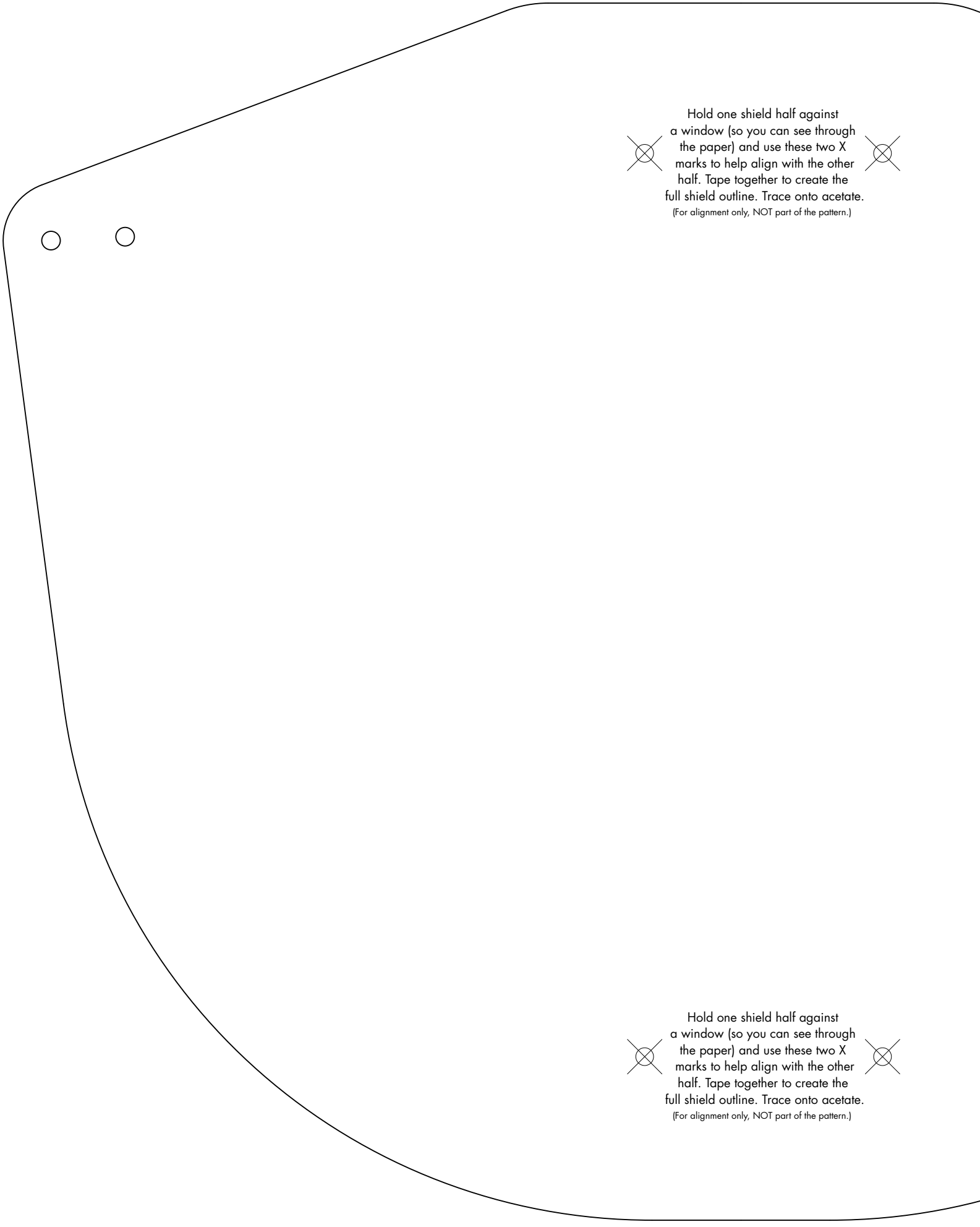


STEP EIGHT

With slits facing down, slide the middle tab on one end of the headband through the elastic loop on the inside of the shield.



Once assembled, your finished face shield, using elastic, should look like this. (The string version ties in the back.)



Hold one shield half against a window (so you can see through the paper) and use these two X marks to help align with the other half. Tape together to create the full shield outline. Trace onto acetate.
(For alignment only, NOT part of the pattern.)

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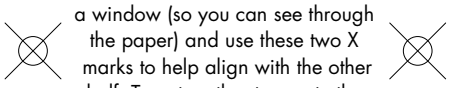
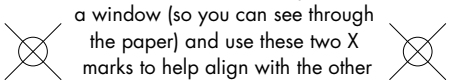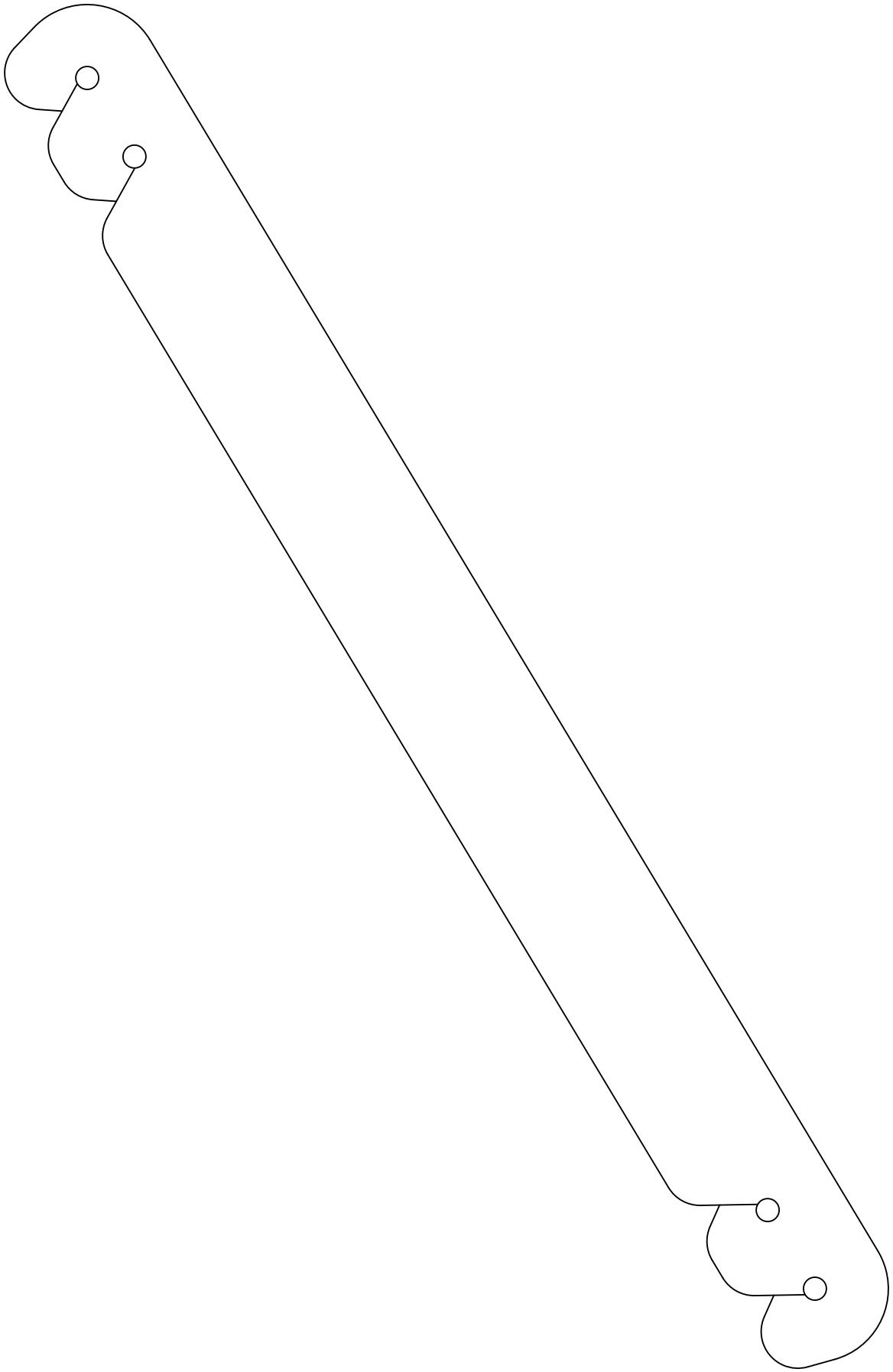
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