

# Directions for RMS US 10' Flag

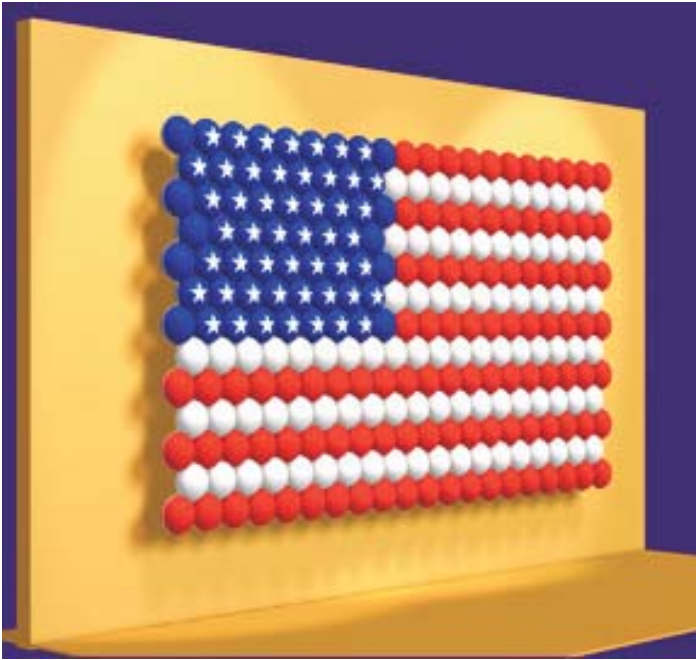
USED WITH 9" ROUND FOIL BALLOONS

## MATERIALS

- ✓ Directions (This sheet)
- ✓ Template for placing stars on balloons (Enclosed)
- ✓ (50) peel and stick stars (54 enclosed)
- ✓ RMS US 10' Flag Matrix (Enclosed)
- ✓ (104) red balloons
- ✓ (90) white balloons
- ✓ (60) blue balloons

## EQUIPMENT

- ✓ (4) 8' Work tables (1 minimum)
  - ✓ (1) automatic cut off regulator for foil balloons &
  - ✓ (25) cubic feet of nitrogen
- (NOTE: You may use electric air inflators or even hand pumps instead of compressed nitrogen and an automatic regulator.)
- ✓ (1) heat sealer



1. Open package, take out Matrix and lay out along the length of a clean 8' table. (It will be expanded and loaded across the tables later as shown in Figures 1 & 2.)
2. Cut off the carrier "combs" on the left and right edges of the Matrix, (See Figure 3.) Scissors should work nicely. (NOTE: If you are careful, you may simply break the small connector strips off where they join the rounded ends of the Matrix.)
3. Attach peel and stick stars to 50, blue, 9" round foil balloons before you inflate the balloons. Use the enclosed template and directions printed on the template. (Four extra stars are included as back up.)
4. Inflate and seal Balloons. Inflate balloons to give you a center circle about 4,75" in diameter without wrinkles. (See Figure 4.)
5. (You may also roll up the inflation stems of the balloon and tape them down to the balloon if you like. This makes for a neat balloon. An alternative is to wrap the stem around the Matrix strap when installing the balloon. This second method provides an extra anchor holding the balloon in place.)
6. Stretch open the first few rows of Matrix apertures by lifting on the top edge of the straps.
7. Install balloons in the first zig-zag row of apertures as shown in the picture below. This is the upper end of the flag as shown in the picture to the right below.

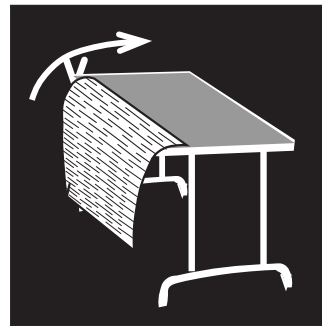


Figure 1

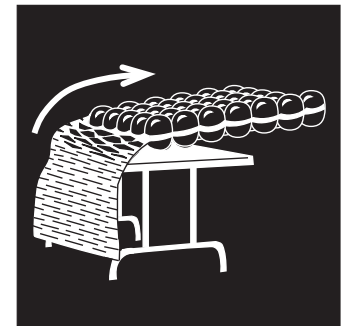


Figure 2

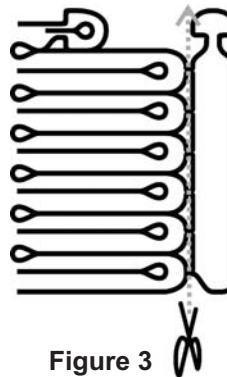


Figure 3

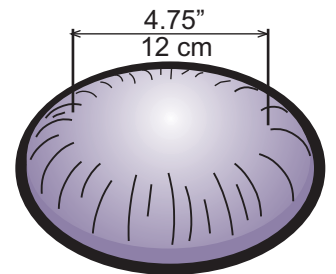
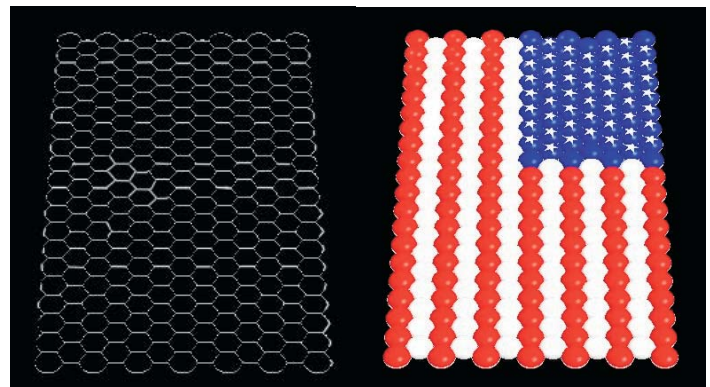
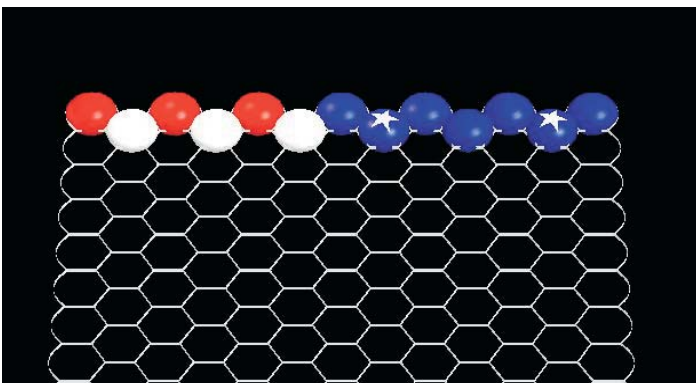


Figure 4

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Place the foil balloons into the Matrix so that the seam crosses the intersections where the splits occur. There are six of these splits around each balloon. (See Figures 1, 2, 3, & 4 below.) Centering the balloons in the Matrix is critical to a smooth, finished look in your display.

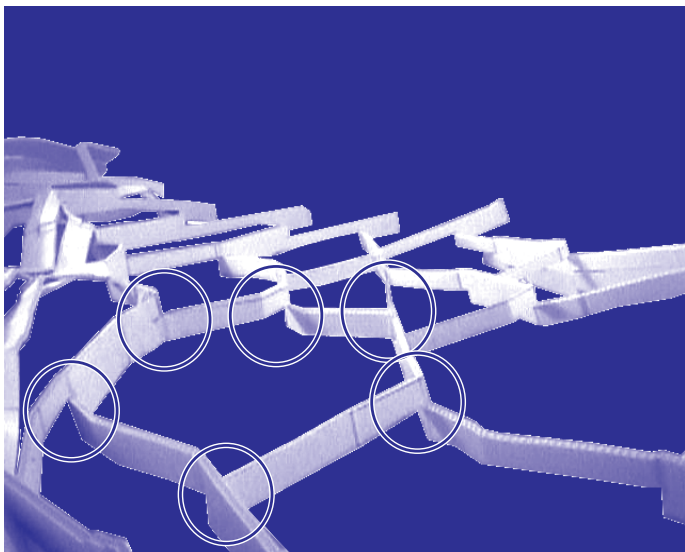


Figure 1

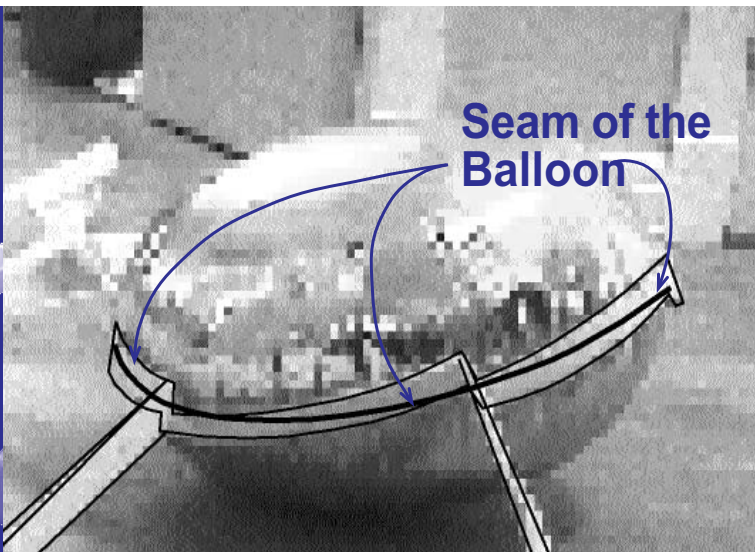


Figure 2



Figure 3

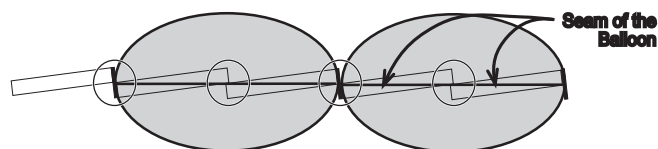


Figure 4

Most of the balloons may be spun around an any direction, but the balloons with stars must be placed carefully to produce evenly aligned stars. The mark you made on the balloon in the “V” shaped notch should be placed at the top, center of the strap around the balloon. The stem (“neck”) of the balloon should be placed at the bottom, center of the strap around the balloon. (See Figures 5 and 6 below.)

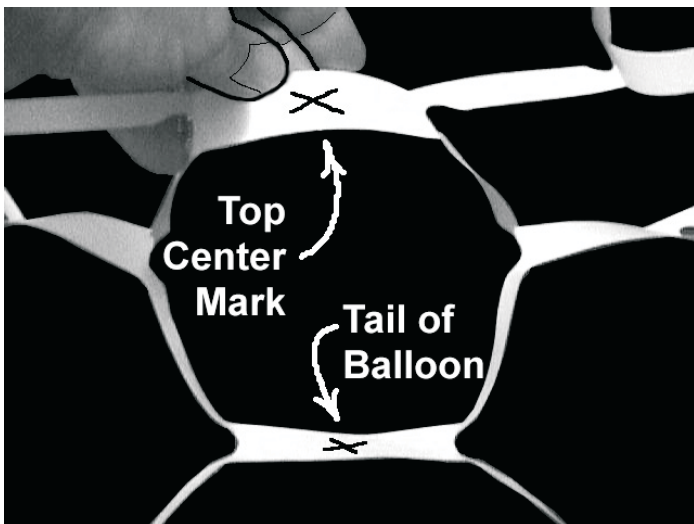


Figure 5

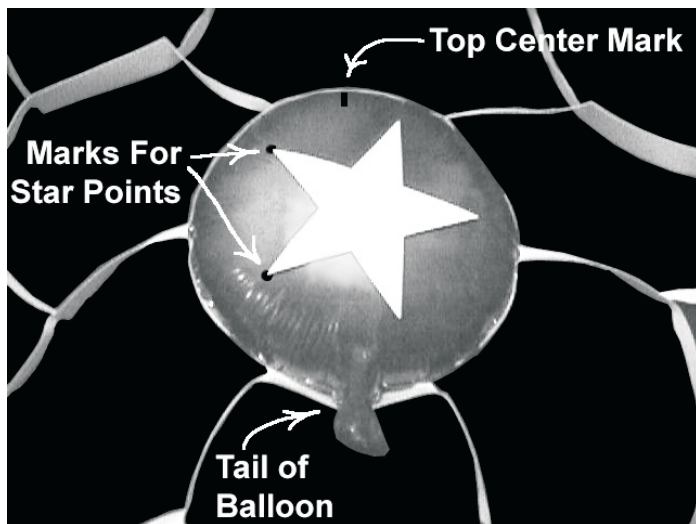
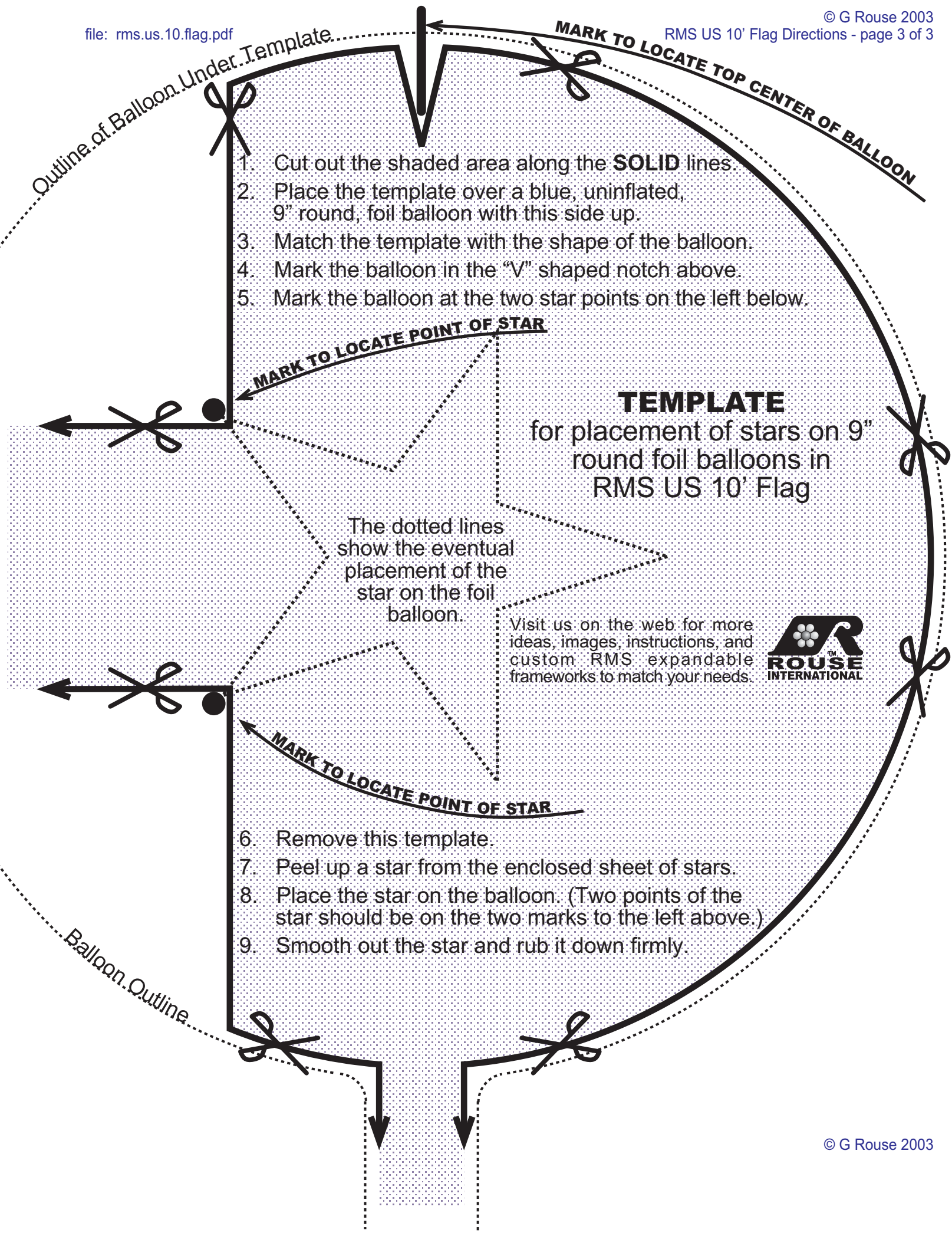


Figure 6

The Matrix has been precoated with adhesive to help keep the balloons in place. It will feel more tacky in warm, humid condions and more rigid in cool, dry conditions. The bond with the balloons will increase over a period of hours. Some foil balloons have an extra coating to protect the colored ink. Sometimes this coating is so slick that you may want to add more adhesive to the Matrix. We recommend 3-M brand # 77 spray adhesive. It is best to spray the Matrix before you open it. do one side and let it dry. Do the other side and let it dry. Then load balloons. If you paint the Matrix use a thin coat and then add more adhesive on top.



1. Cut out the shaded area along the **SOLID** lines.
2. Place the template over a blue, uninflated, 9" round, foil balloon with this side up.
3. Match the template with the shape of the balloon.
4. Mark the balloon in the "V" shaped notch above.
5. Mark the balloon at the two star points on the left below.

**TEMPLATE**  
for placement of stars on 9"  
round foil balloons in  
RMS US 10' Flag

The dotted lines show the eventual placement of the star on the foil balloon.

Visit us on the web for more ideas, images, instructions, and custom RMS expandable frameworks to match your needs.



6. Remove this template.
7. Peel up a star from the enclosed sheet of stars.
8. Place the star on the balloon. (Two points of the star should be on the two marks to the left above.)
9. Smooth out the star and rub it down firmly.