



FLIGHTLINE GRAPHICS

Paint Masks - Stencils - Dry Rub Decals - Waterslides

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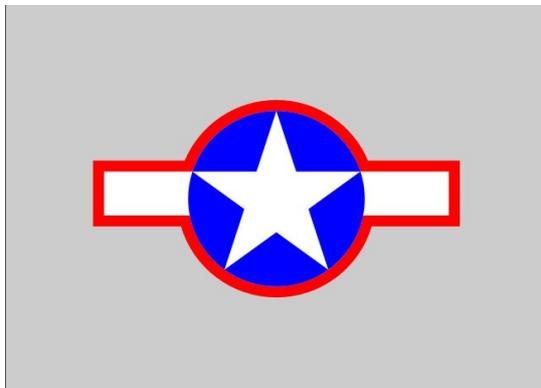
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US Star & Bar #3 Supplementary notes.

These general guidance notes are for the application of the US Star & Bar marking with the blue border and the red outline. This adds a certain amount of difficulty to the painting process having so many edges as close as they are, but with these guidance notes you will find the process relatively straight forward.

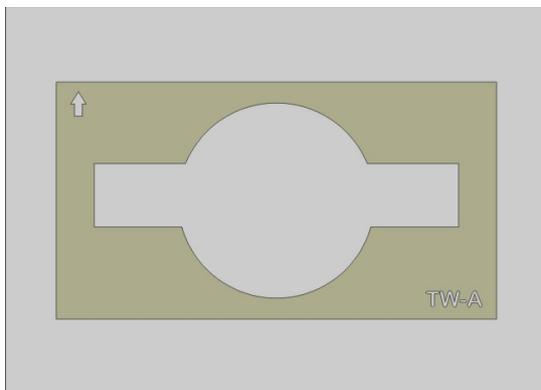
Please read these instructions in conjunction with the online basic instructions – [click here](#).

Because of the nature of these markings we will be using a combination of registration marks and dots which will be introduced as and when needed.



For each complete marking there are 3 masks involved. The first for the white background, then the blue, and finally the red border.

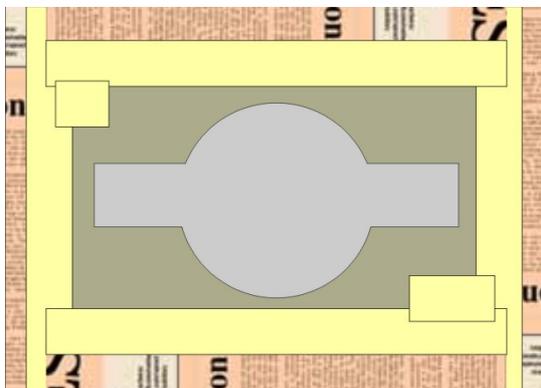
Let's look at the procedure



It is important to check the position of the insignia before you apply your first mask so take your time and be satisfied all is good before you start!

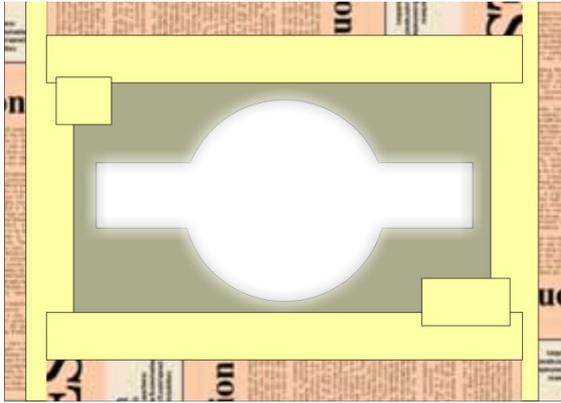
The main mask is labelled with "TW", "BW" or "FU" followed by an "A" indicating it is the first mask. If more identification is needed they will be suitably marked.

Apply this mask in the desired location. In the top left of the mask there will be an arrow indicating "up" or "forward" to help get the orientation correct.



Seal the mask down as described in the basic instructions.

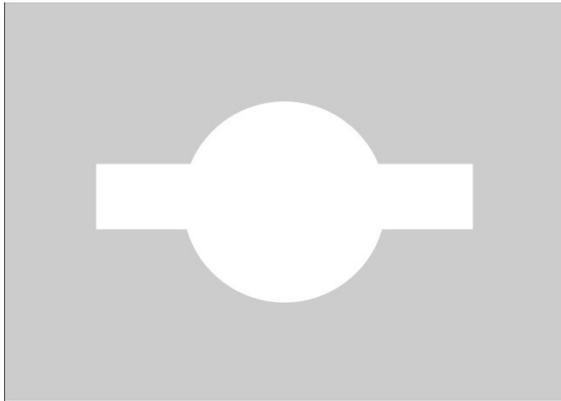
Before painting ensure that the area around the mask is protected from overspray. Don't forget to cover the orientation arrow and label stencilling cut into the mask!



Apply the White colour ensuring minimal but even coverage. Spray multiple, light coats of paint rather than flooding the paint on.

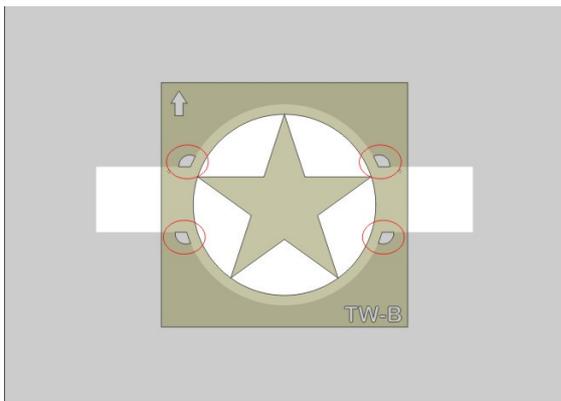
One thing to note is that the outline of the white area is about 1mm inside the coverage of the final red border so you can spray to the edge

Allow the paint to dry sufficiently before removing all masking materials, including the "A" mask.



You must be sure the paint has dried sufficiently to take more handling (see manufacturers instructions)

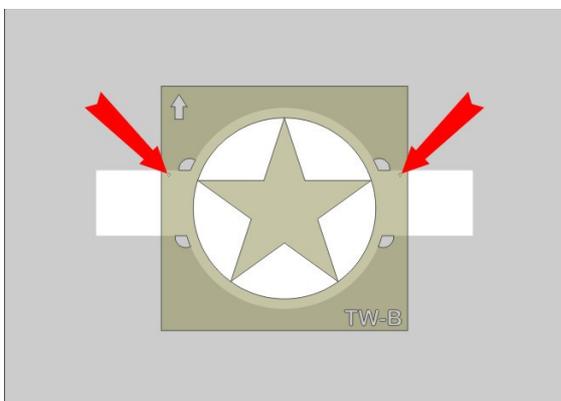
You can prepare to add the next mask for the Blue colour.



The White star is created by spraying the blue outline to the white area. Because it has been sprayed white the colour should come with the minimum of spray passes.

Apply Mask "B" using the registration marks circled in red. The marks are cut to match the 4 corners of the white circle so take your time to ensure alignment. Also be sure the alignment arrow in the top left of the mask is in the same orientation as the first mask.

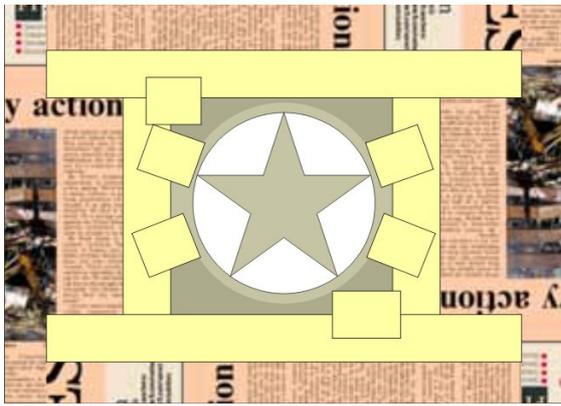
Apply the mask with minimum pressure initially so the masks can be easily lifted and re-positioned if necessary.



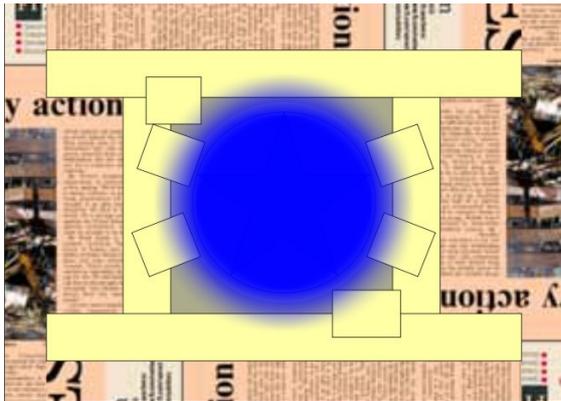
When you are happy with mask position you can fix the mask down fully.

You now need to locate the 2 small registration holes that are cut just to the outer side of the upper registration marks. The positions are indicated with the red arrows in the picture.

Use a small pen or marker to apply a dot on the white surface. There is nothing else to do with this dot until applying the final "C" mask.

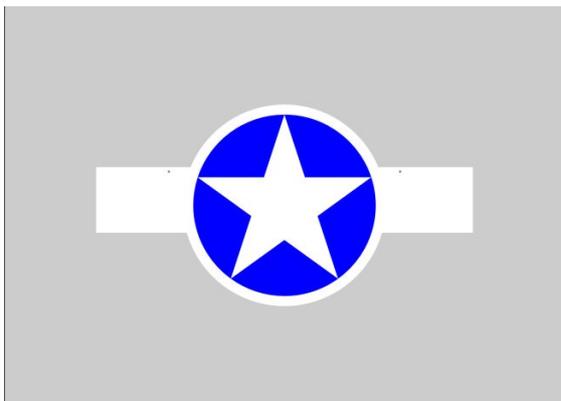


Mask up being careful to protect all the exposed areas including the alignment marks, stencil label, and the 2 small registration dots.



Apply the Blue colour ensuring minimal but even coverage. Spray multiple, light coats of paint rather than flooding the paint on.

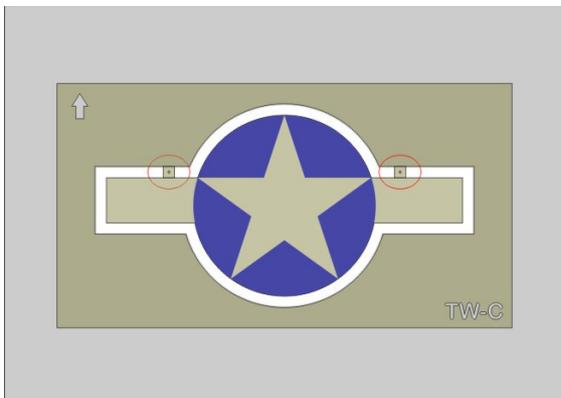
Allow the paint to dry sufficiently before removing all masking materials, including the "B" mask.



At this stage you will have the star sitting in the centre of the circle and the 2 registration dots in the upper area of the bars. These 2 dots are critical for alignment of the final red outline.

You must be sure the paint has dried sufficiently to take more handling (see manufacturers instructions)

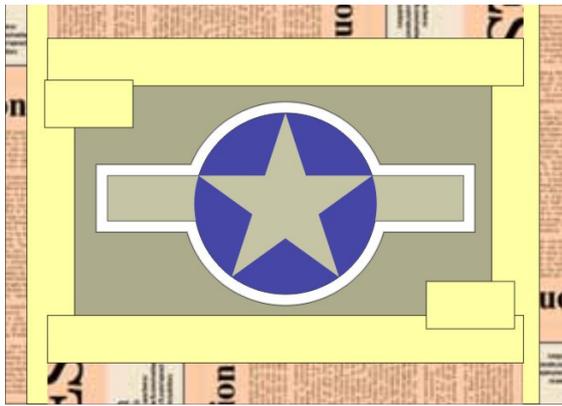
If you have over applied the white paint you may find it useful to use fine wet & dry to remove any lip that exists. If you do this be careful not to rub too much!!



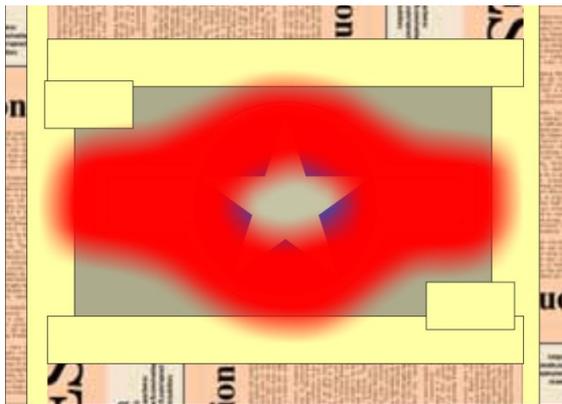
Apply the final "C" mask now and use the registration dots cut into the temporary markers to align the mask with the insignia.

In theory you should have up to a 1mm border all the way around the outer border of the mask and the white paint.

Most critical the mask should be a PERFECT fit over the blue circle. Take your time positioning this mask as it has to be right in multiple locations!

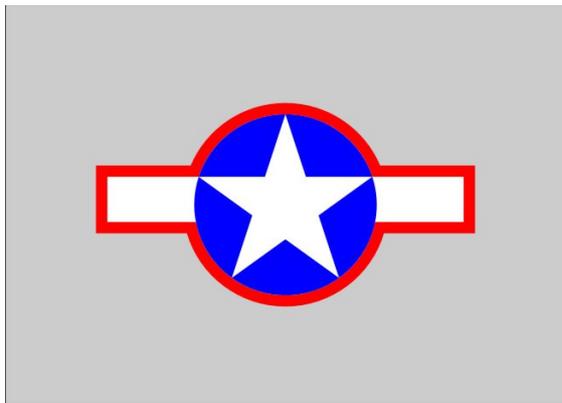


Mask up being careful to protect all the exposed areas including the alignment marks and stencil labels.



Apply the Red colour ensuring minimal but even coverage. Spray multiple, light coats of paint rather than flooding the paint on.

Allow the paint to dry sufficiently before removing all masking materials, including the "C" mask.



And there you have it. The insignia is complete.

If there are any questions before you use the masks please do not hesitate to contact me.

Support : support@flightlinegraphics.com

Thank you.

Nigel Wagstaff
Flightline Graphics.