

# WAC CORPORAL

## 29/38MM

### FINISHING/PAINTING INSTRUCTIONS

**This is a more detailed list of steps for finishing and painting your 29/38mm WAC Corporal model than is given in the regular instruction sheet included in the kit.**

The following will be needed to finish and paint your model:

Sandpaper (Medium - 180 or 220 grit, Fine - 320 or 400, & [optionally] Extra-Fine - 500 or 600); Sanding Sealer (or other balsa filler coat); Thinner (appropriate for the type of sanding sealer used); Small Paint Brush (to apply sealer); Spray Paint (such as Rust-Oleum, Krylon, or Testors is recommended. Be sure **not** to mix different types or brands of paint without testing.) - Primer (optional, but recommended), White and/or Yellow (see below), Black, Silver & (optionally) Clear; dowel or newspaper (see below).

Recommended, but not required: Tack Cloth.

Optional: Material to fill body tube seams and/or any imperfections in wood parts, such as Elmer's Carpenters Wood Filler, Interior Spackling Paste, etc.

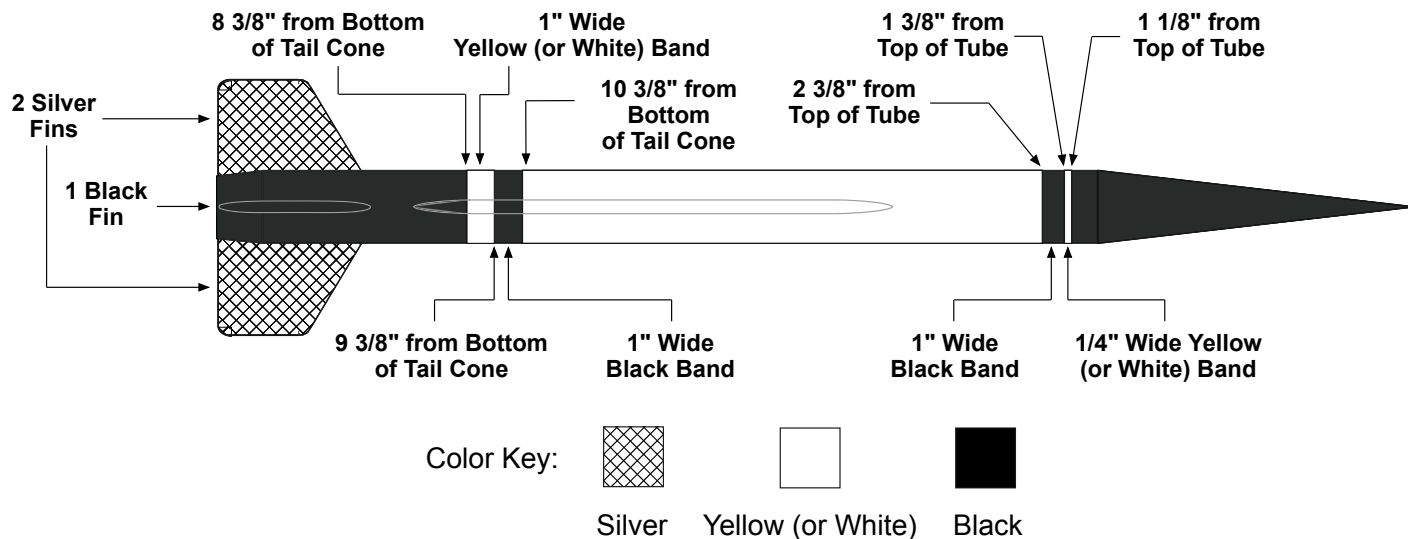
Look to see if there are any dents or dings in any of the wood parts, and apply one of the optional filler materials to these areas as needed. If you wish to fill the spiral seam in the body tube, you may do so now by applying a small amount of the filler along the seam. After all the filler is dry, sand the material with medium or fine sandpaper. Sand until the paste is flush with the surface. If needed, reapply the filler and sand again.

Be sure to read any instructions on the brand of sanding sealer you are using. Follow the manufacturers directions if they vary from those below. Be sure to use the thinner recommended by the manufacturer to clean your brush. Using fine sandpaper (then extra fine if desired) go over all the wood parts to ensure they are smooth. Use a wrap of cellophane or masking tape to keep paint off the coupler that is attached to the nose cone. Insert the coupler into the top of the body tube (add more tape if needed for a snug fit). Next apply a coat of sanding sealer to all wood parts. Allow the sealer to dry then apply a second coat. After the second coat is dry, sand with medium or fine sandpaper until the surfaces are smooth. Continue with single coats of sealer, sanding in between each coat, until the wood grain is completely filled and the surface is smooth.

You will need to use something such as a dowel or a section of newspaper rolled into a tight cone inserted into the base of your model to hold it while painting. If desired, lightly go over the model with a tack cloth to remove any excess dust or other particles which could mar the finish. It is a good idea to do this before applying each coat of primer and paint. Be sure to read the instructions on the brand of paint you are using and follow the manufacturers directions carefully. Be sure **not** to mix different types or brands of paint without testing. It is recommended (but not absolutely necessary) that you apply one or more coats of primer before the color coats of paint. This will give a much

smoother surface to your model and allow the paint to adhere better. If using primer, sand with fine and/or extra fine sandpaper after each coat is completely dry. Use as many coats as needed to get a smooth finish before proceeding to the color coats.

Refer to the diagram below as needed for painting scheme. If you did not prime the model, first paint the entire model white. Several light coats are preferable to one or two heavy coats (this will be true for all the colors you will be using). Apply as many coats as needed to get a nice even color and allow to dry thoroughly. Note that some later WACs had a white base color, while the first ones had a yellow base color. If you wish to model a "Black & White" WAC, proceed to the step below the diagram. If you want your WAC to have a background of yellow, now paint the model yellow. Apply as many coats as needed to get a nice even color and allow to dry thoroughly.



Mask off the entire model except the two fins which are to be painted silver, then paint the exposed fins silver. Allow to dry thoroughly. Note that some silver paints do not mask well, you may want to apply a coat of clear over the silver after it has dried before masking them in the next step.

Mask off all areas that are to remain yellow (or white) and the silver fins. Paint the remaining areas black. Allow to dry thoroughly then remove and discard the masking materials.

If desired, apply one or more coats of clear paint to protect the finish and allow to dry.



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