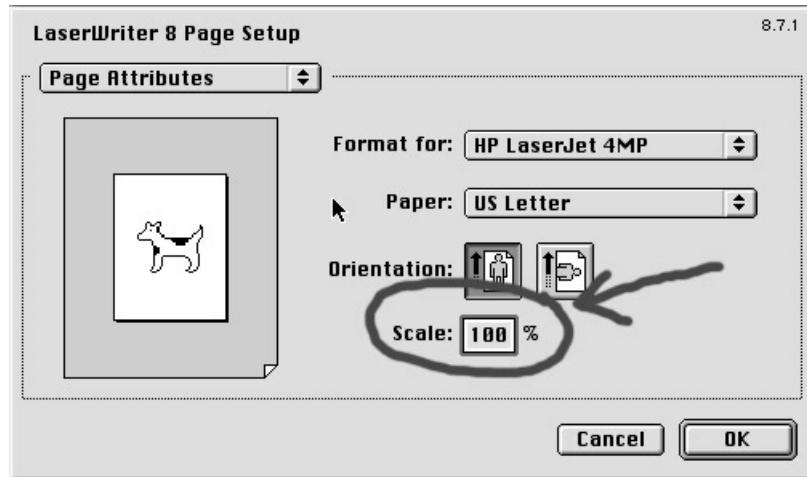


# Re-Scaling Whitewash City PDF Files

If you wish to re-scale the Whitewash City PDF files to a scale less than, or even greater than, the 30mm scale that the models come in, simply re-scale the output print scale of your printer. To obtain larger scales, your printer/plotter will need to be able to print pages larger than **8.5in x 11in**. A number of print shops can output to 11in x 17in paper sizes (example: Staples and Office Depot). If you are printing onto **11in x17in** paper, the typical **MAXIMUM** enlargement will be a 130% enlargement. Whitewash City PDF models can be enlarged **WITHOUT** print quality loss!



TYPICAL PAGE SET UP CONTROL PAGE

Below are the guides for choosing the correct reduction scale. To go from 30mm scale to:

**25mm scale = reduced by 84% of original size (a 16% reduction)**

**20mm scale = reduced by 65% of original size (a 35% reduction)**

**18mm scale = reduced by 60% of original size (a 40% reduction)**

**15mm scale = reduced by 50% of original size (a 50% reduction)**

**12mm scale = reduced by 40% of original size (a 60% reduction)**

**10mm scale = reduced by 34% of original size (a 66% reduction)**

**8mm scale = reduced by 27% of original size (a 73% reduction)**

**6mm scale = reduced by 20% of original size (an 80% reduction)**

**Enlarging Whitewash City PDF Files will require that you have a printer/plotter that can print 11in x17in paper or larger. For 11in x17in size paper, the maximum printout size is 130%**

Generally, the more popular miniatures scales are 25mm, 20mm and 15mm. Other scales will often depend upon the miniature itself.

**Example:** some 15mm miniatures are actually slightly larger than 15mm and can be as large as 18mm, but the manufacturer may still refer to these miniatures as 15mm scale. If you are unsure of the final size to re-scale your Whitewash City models, measure a small number of your miniatures and to what scale best represents your miniatures collection. The above scales is based on measuring from the bottom of the miniature's feet to the top of their heads (ignore head gear/hats, etc).

**NOTE:** Whitewash City files are all set to 30mm scale; 30mm scale works well with miniatures scales from 25mm to 32mm.

If you are still unsure, please feel free to contact me, Eric Hotz, at: [erichotz@direct.ca](mailto:erichotz@direct.ca)

For information on Whitewash City go to the **Whitewash City Web Page** located at:

<http://www.erichotz.com/whitewash.html>