PRINTING AN RGB FILE ON THE EPSON 2000P PRINTER
Instructors: Peter Thompson and Tom Shirley
Revised 4/7/02

RGB WORKFLOW
• Launch Photoshop
     Choose Color Settings: EDIT/COLOR SETTINGS
• Open RGB file.
• SAVE AS/ A COPY
     Rename to safeguard original and to obtain new working file
• VIEW/GAMUT WARNING to check on which areas within your file contain
     out-of-gamut colors.
• Retouch/restore/composite in this RGB working environment
• VIEW/GAMUT WARNING to re-check on which areas within your file still
     contain out-of-gamut colors. (Note: If your colors are *too* out-of-gamut,
     you can *force* them to be in-gamut by converting your file to CMYK, and then
     re-converting it back to RGB because Epson printers expect to receive an RGB
     file not a CMYK file).
• SAVE
• VIEW/PROOF SETUP/CUSTOM PROFILE
     Add profile for the paper you will use on the Epson 2000P printer:
          • EP2000EP_sEnh (for Somerset Photo Enhanced)
          • EP2000pEP_cRag (for Concorde Rag)
          • EPSONStylusPhoto200_ArchivalMattePaper
            (for Epson Archival Matte Paper)
          • eps2000_pqgp (for Epson Photo Quality Glossy)
     Intent: Perceptual
     Simulate: Paper White (check this box)
• Assess change to image
Add Adjustment Layers (Levels and Curves) as needed to correct image
     so it looks good on monitor.
• Make test print on Epson 2000P printer
• Add Adjustment Layers as needed to correct image after proofing.

CHARACTERISTICS OF 2000P PRINTER
Width: 3.5" minimum up to 13"
Length: up to 44" long

REPRESENTATIVE PAPERS FOR EPSON 2000P PRINTER
SOMERSET PHOTO ENHANCED: 100% rag, *radiant white,* smooth surface, treated
to produce extremely large color gamut. Available at Digital Imaging Studio: 13X19
sheet = $5

CONCORDE RAG: 100% rag, *antique white coloring,* smooth surface, treated
to produce extremely large color gamut. . Available at Digital Imaging Front Desk:
11X17 sheet = $4

EPSON ARCHIVAL MATTE PAPER: off-white, any size from 8.5X11 to 44X100 feet (roll). You may order this paper from Epson.com or inkjetmall.com and have it delivered to the Photography Department Digital Imaging Front Desk: use the Epson archival-matte profile. Works well with pieziography.

EPSON PHOTO QUALITY A3 GLOSSY: radiant white, smooth surface, letter-thin. Available at Digital Imaging Studio: 13X19 sheet = $3; 16.5X23.4 sheet (A2) = $

EPSON PREMIUM LUSTER: white (between glossy and matte), RC-like base. Recommended for use with the Epson 2000p. Note: use the **Epson semi-gloss profile** with this paper since there is no profile specifically for Premium Luster. Works with pieziography (but you may see some lines as well as the blacks take on a strange effect as you rotate the print in the light).

ASSIGNMENT
• As your Art Director, I am "hiring" you to do the following: make a color print using the best color negative you have. Here are some specifics: go back to your original scan and make a written log and take screenshots (SHIFT COMMAND + 3 for entire screen, SHIFT COMMAND + 4 and then draw out a selective marquee) of each adjustment layer decision you make and number the screenshots in sequential order. Specifically, I would like to see the screenshot of the Histogram of the *image* before you alter it in any way, then a screenshot of the Levels adjustment layer before you alter the image, then a screenshot of your numbered color samples on the image, then screenshots of your Levels after you have connected the blackpoint and whitepoint to your color samples, then a screenshot of the Curves adjustment layer before you alter it, then screenshot(s) of every Curves alteration you make. Include a Gray stepwedge in the margin of your image for reference. Then a screenshot of a swatch of your image after you have applied the Custom Profile, then a screenshot(s) of your Levels or Curves adjustments in response to that Custom Profile. Print out your final color image and bring to class next week along with the print you previously did from that file. Bring your written log and all the screenshots to class next week to be used within the InDesign page layout program.