

Aldus Corporation
PageMaker 5.0 for Windows
June, 1993

README.WRI

This file contains important information that was unavailable when the PageMaker documentation went to press. For your viewing convenience, print a hard copy of both this file and READTHIS.TXT (a file with late-breaking installation tips) and keep the pages with your PageMaker documentation. For information on networks, including Network Copy Detection, refer to the NETWORK.WRI file installed in the PM5 directory.

README.WRI contains the following sections:

1. PRINTED DOCUMENTATION CORRECTIONS AND CLARIFICATIONS
2. TEXT, COMPOSITION, AND PUBLICATION CONVERSION
3. GRAPHICS
4. COLOR AND PRINTING
5. LINKS AND CROSS-PLATFORM COMPATIBILITY
6. FILTERS
7. ALDUS ADDITIONS AND SCRIPTING
8. PAGEMAKER IN THE WINDOWS ENVIRONMENT
9. ONLINE TUTORIAL

1. PRINTED DOCUMENTATION CORRECTIONS AND CLARIFICATIONS

1.1 User Manual

Page 35 states that you can close all stories with the Alt + "Close story" combination. This has been changed to Shift + "Close story."

Page 63 states that the keystroke you use to OK or cancel out of nested dialog boxes is Alt + "OK" or "Cancel." This has been changed to Shift + "OK" or "Cancel."

Pages 119 and 419 incorrectly state the keystrokes for entering a non-breaking space: the correct keystrokes are Ctrl + Shift + H.

Pages 251-253 do not mention that if you are changing only text formatting, and you choose "Any" for one of the "Find" options in the "Change attributes" dialog box, you must also type the wildcard character, ^?, in the "Find what" edit box.

Page 258 incorrectly states that you cannot edit EPS colors other than by converting spot to process. In fact, you can edit the values of imported EPS spot colors, as described on page 157 of the User Manual.

Page 302 incorrectly states that you can set overprinting for only one object at a time with the "Fill and line..." command. The overprinting attribute can be applied to multiple selected objects.

Page 361 incorrectly states the keyboard shortcut for redrawing a graphic in high-resolution. The actual shortcut is Ctrl + Shift + click during place or screen redraw.

Pages 362-363 refer to the "Auto include images under" option. The option has been renamed to "Alert when storing graphics over." Also, the word "Maximum" was added to the option that controls the size of internal bitmaps.

1.2 Getting Started

Page 41 incorrectly describes how to receive context-sensitive Help. From within a dialog box, press Shift and click using the right mouse button on a vacant area of the dialog box. For menu-sensitive Help, press Shift + F1, and then highlight the command.

Page 72 contains a misleading illustration: in step 5, the text block will rotate about its center, and not rotate in the way the illustration's arrow suggests. (Tip: Before dragging counter clock-wise as described in step 5, move the starburst cursor to the right side of the text block for better control over rotation.)

1.3 Commercial Printing Guide

Page 45 shows a dialog box for the "Create keyline..." Addition which differs slightly in wording from the version you'll see on your screen. This page also is incorrect in stating that the Addition accepts increments as small as one-one-hundredths of a point. The actual increment is one-tenth of a point. Finally, note that trapping techniques using this Addition are described in Online help: under the "Step-by-step instructions" category, click "Printing," and then click "Color Printing" for a list of topics on trapping.

Page 50, caption "F" should instruct you to leave "Mirror" unchecked for right-reading emulsion-side up, and to check "Mirror" to print right-reading emulsion-side down.

1.4 Aldus Additions

Page 1 incorrectly identifies the Aldus Compuserve forum name. The actual name of the forum is ALDUSFORUM.

Page 5 incorrectly states the shortcut for closing all stories. The actual shortcut is Shift + "Close story."

Page 15 incorrectly states that a sample library will open if an existing library is not found. Instead, if no library exists or if the previous library cannot be found, the "New library" dialog box will appear. You can then create a new library by

typing in the desired name and clicking "OK."

Page 26 is incorrect in stating that the "Create keyline..." Addition accepts increments as small as one-one-hundredths of a point. The actual increment is one-tenth of a point. This page also shows a version of the "Create keyline" dialog box which differs slightly in wording from the version you'll see on your screen. Finally, note that trapping techniques using this Addition are described in Online help: under the "Step-by-step instructions" category, click "Printing," and then click "Color Printing" for a list of topics on trapping.

Page 30 states that the "Printer styles..." Addition does not alter "Print" dialog box settings in a publication: your settings can change, however, in the following case: If an active publication is printed with the "Printer styles..." Addition, its print settings will be set to those of the printer style assigned to it during the "Printer styles..." print session. To make sure the publication's current print settings are not reset by the Addition, save the publication before printing it with "Printer styles...", and then do not accept the changes to the publication after printing with "Printer styles..." Page 30 also states that the "Default" style in the "Printer styles..." Addition prints with current PageMaker print settings. This feature has changed so that the "Default" style uses the settings you've defined for it.

2. TEXT, COMPOSITION, AND PUBLICATION CONVERSION

2.1 Composition and line breaks after converting publications

Some of the improvements in PageMaker 5.0 may cause changes in composition when PageMaker 4.0 publications are opened in PageMaker 5.0. For example, PageMaker 4.0 calculated the width of characters using information from the targeted printer's driver file. In contrast, PageMaker 5.0 measures characters using units of one-twentieth of a point, so that composition is highly accurate and uniform regardless of the resolution of the targeted printer. When PageMaker 4.0 publications are opened in PageMaker 5.0, some line breaks may change after recomposition reflects this higher accuracy. (Another reason for line break changes is that the Proximity 6.0 dictionaries installed with PageMaker 5.0 calculate hyphenation in a slightly different way than the Proximity 5.0 dictionaries included with PageMaker 4.0. See section 2.4 of this file for details.)

To retain the line breaks set by PageMaker 4.0, read the converted publication to find the lines with new breaks. Use the text tool to highlight the text that composed a single line in PageMaker 4.0, select "Type specs...", click "No break," and then click "OK." This ensures the selected text is set on a single line. Repeat this process for each occurrence of a changed line break, beginning with the earliest occurrence in a single story.

If a track option other than "No track" was applied to a range of text in PageMaker 4.0, improvements to the tracking information file may cause changes in tracking for that range. To use the tracking values specified in

PageMaker 4.0, save a copy of the TRAKVALS.BIN file installed with PageMaker 5.0 (located in USENGLISH directory within the ALDUS directory) to a temporary location. Then change the name of the KERNTRAK.BIN file from PageMaker 4.0 to TRAKVALS.BIN.

2.2 Undocumented Control palette feature

Note the following enhancement added to the Control palette in Character or Paragraph view: pressing Enter after typing a new value in the Control palette returns focus to the layout or story editor window; pressing Shift + Enter keeps focus on the Control palette, but displays the changes in the layout or story window.

2.3 Font substitution

The PANOSE font matching feature uses a Preferences file which, if deleted, restores the PANOSE pre-set defaults. The filename is PANOSE.BIN and it is stored in the Windows directory.

If you edit the font matching exceptions table (by clicking the "Exceptions..." button in the "Font matching" dialog box available when you choose "Preferences..." from the File menu), the changes are not applied to the active publication. You must first reopen the publication.

After a font substitution, force a recompose of your stories to ensure the correct font metrics are applied. To recompose a story, press Ctrl + Shift and then choose "Hyphenation..." from the Type menu.

2.4 Using Proximity Dictionaries

PageMaker 5.0 uses a new version of the Proximity dictionary, version 6.0. A new version of the ALDWPLS.DLL file is installed to allow PageMaker 4.0 to use the new dictionary. This new .DLL is also compatible with Persuasion 2.0 and 2.1. Editing existing publications in PageMaker 4.0 using this new dictionary may cause changes in line breaks. Be sure to back up existing publications before opening them in PageMaker 5.0 and proof the pages before making your final print.

If an alert message reports problems installing hyphenation modules while PageMaker starts up, you may have two copies of the ".VPX" dictionary file in your language directory: the new version for PageMaker 5.0, and an earlier version from PageMaker 4.0. Removing one of the files will allow PageMaker to run correctly.

Use the Dictionary Editor before or after a PageMaker session. PageMaker searches for dictionaries when it starts up, and therefore will not be able to find a dictionary installed during the PageMaker session. Editing an installed user dictionary while PageMaker is running can also cause problems.

3. GRAPHICS

3.1 Undocumented features

Note that you can now press Shift when switching back to the pointer tool to keep objects selected. Previously, switching tools caused objects to become deselected.

You can now rotate multiple objects around the center point of the selection's bounding box by pressing Ctrl as you drag the rotating tool.

3.2 Image display quality and PageMaker's performance

For better performance when cropping or otherwise modifying large images, use the "Preferences..." command to increase the "Maximum size of internal bitmap" value before importing, and set the display resolution to "Normal." This increases the accuracy of display and improves display performance. The maximum value for "Maximum internal bitmap size" is 1024k.

Remember that the "Maximum size of internal bitmap" setting affects the "Normal" resolution display quality of imported or relinked TIFF images; placed vector graphics (PageMaker creates a TIFF version of the graphic for screen display if the graphic generated by the import process is greater than the "Maximum size of internal bitmap" preference setting); and bitmap graphics pasted in from the Clipboard.

3.3 Text wrap

Avoid using polygonal text wrap on objects larger than 23 inches, as text composition under those conditions may become unsatisfactory.

In some cases, modifying text wrap boundaries while using the Compaq QVision driver can cause significant problems. This is not likely to occur with versions of the Compaq QVision driver made available after June 1993. You can avoid the problems by editing the ALDUS.INI file (located in your language directory) with one or the other of the following entries:

Alttextwrap = 1 [PageMaker displays text wrap boundaries only.]

Alttextwrap = 2 [PageMaker displays boundary selection points only.]

4. COLOR AND PRINTING

4.1 PPDs and PostScript devices

PageMaker includes a special EPS filter, "epsimpnd.flt," for handling nested DCS files. Nested DCS files will not separate properly without this alternate filter.

PageMaker does not use the nested DCS filter by default, so before you place nested DCS files, use the File Manager to switch the location of the default EPS filter ("epsimp.flt") with the nested DCS filter. The nested DCS filter is stored in the AFILTERS directory within the FILTERS directory while the default EPS filter is in the FILTERS directory. Remember to store only one EPS filter in the

FILTERS directory at a time. Also, change filter locations before starting PageMaker, so that the proper filter is initialized.

Always use a PPD that supports color devices when printing files to disk. If you print to disk when targeted to a black-and-white printer PPD, gray data will be emitted for color images instead of color data.

Do not use the CGENERAL.PPD (Color General.PPD) if you are doing separations that are intended to be used for film.

If you use a PostScript level 2 PPD to print to a PostScript level 1 printer, PageMaker cannot produce multiple copies during one print job unless you're printing a multi-page publication with "Collate" checked in the "Print" dialog box.

Photoshop Duotones won't separate when "All to process" is selected in the "Colors" print dialog box.

Many drawing and image-processing applications can save bitmaps (TIFF, PCX, BMP, etc.) included in their encapsulated PostScript graphics (EPS) as binary data. Although this produces smaller files, EPS files with binary data cannot be processed by the Windows PostScript driver--they are not printable. If you encounter this, resave the EPS from the application that produced it, this time selecting "ASCII" or "Hex" as the output option for image data and place the new EPS in PageMaker.

To print TrueType fonts to PostScript printers, the fonts must be set to print as "Adobe Type 1" fonts. To access this setting, click "Setup" in the "Printers" section of the Control Panel, then click "Options," then "Advanced." Be sure that "Adobe Type 1" is selected as the "Send to Printers as" option.

If you are using a PacificPage PostScript emulation cartridge, make sure you add the following line to your PPD (PostScript Printer Description) file using a text editor such as Notepad:

```
*PatchFile: "/packedarray {array astore} def"
```

The above line needs to be typed exactly as it appears. If your PPD already has a PatchFile line in it, copy the text between the double quotes and ADD it to your current PatchFile line. For example if your current PatchFile line reads:

```
*PatchFile: "/myfunction {some PS operation} def"
```

you would copy /packedarray {array astore} def from the line above and add it to your existing PatchFile statement so that it reads:

```
*PatchFile: "/packedarray {array astore} def
```

```
/myfunction {some PS operation} def"
```

IMPORTANT: The PatchFile line can be placed anywhere in the PPD file after the *NickName entry. There can be only one PatchFile line in a PPD file, and all of the text must be enclosed within one set of double quotes. Since a PPD is a text file, make sure you save the edited version of your PPD in ASCII text format. Windows Notepad does this by default.

4.2 PCL devices

DeskJet Printers

Rotated and skewed imported graphics will not print to the HP DeskJet 500C/550C with version 3.11 of the DeskJet driver. Hewlett-Packard's next release of this driver should correct the problem.

HP LaserJet 4

Rotated and skewed imported graphics will not print to the HP LaserJet 4L, 4M, and 4si PCL drivers (versions 31.v1.18 or earlier). Hewlett-Packard's next release of this driver should correct the problem.

PageMaker 5.0 supports only the "Raster" graphics mode of the LaserJet 4L, 4M, and 4si PCL drivers. If the driver is set to "HPGL/2," you may see a "21 - Print Overrun" error on the printer's display. To change this setting, open the driver's "Setup" dialog (Windows Control Panel), and click "Options." Finally, select "Raster" for the "Graphics Mode" option.

A "General Printer Failure" error can occur when printing with LaserJet 4L, 4M, and 4si PCL drivers if you do not have enough disk space available. Pages with numerous or large, rotated or skewed graphics will require a large amount of disk space. Selecting a lower resolution (300 instead of 600 dpi) or setting "Graphics Quality" to "Medium" or "Low," in the driver's dialog box will require less disk space for printing.

Rotating, skewing or applying "Set width" to resident fonts in the LaserJet 4L, 4M, and 4si will produce undesirable results if you do not have the corresponding TrueType font outlines installed in the Windows Control Panel. Contact Hewlett-Packard for information on obtaining matching TrueType fonts.

With versions of ATM earlier than 2.5, you may experience rotated or skewed text shifting or printing incompletely to PCL printers. We recommend using ATM 2.5 or later for best results. For best results with transformed text on PCL printers, select "Print TrueType as Graphics" in the printer driver's "Setup" dialog box (Windows Control Panel), and "Print ATM Fonts as Graphics" in the ATM Control Panel.

Some printer drivers do not correctly support multiple copies. However, PageMaker will always print multiple copies if the "Collate" option is selected in

the "Print" dialog box.

Colored lines on square-corner PageMaker boxes will print as solid black instead of a shade of gray to PCL printers. Applying a rounded corner style to the box will correct the problem.

When you are targeted to a PCL device, the "PS Group it" Addition creates two files: a screen preview Windows .BMP, and a .PMG group file containing the original grouped objects. You cannot place a .PMG file into PageMaker if you were targeted to a PCL device at the time you created the group. Print resolution for PCL-generated group objects will not match the quality of PostScript-generated objects since the printed image is a Windows .BMP and not an EPS image. Fonts in a PCL grouped object print as high-resolution bitmaps. Refer to page 242 of the PageMaker 5.0 User Manual for more information on this topic. See also the comments on grouping in section 7.2 of this file.

4.3 Color

Windows does not dither line color if the video setup is standard VGA. The swatches in the "Colors" palette for fill and line will appear to be different colors, particularly for lighter colors. This affects printers which use screen representations to print, such as the HP PaintJet.

The TOYO 88 library included with PageMaker is a spot color library with process simulations. Any TOYO ink name without an asterisk in the name is an accurate process color.

4.4 Other notes on printing

In previous versions of PageMaker, "Manual" tiling would print any objects that appeared on screen from the zero point down and to the right to fill any paper size and orientation selected in the "Print" dialog box, whether or not the objects were on the selected page. In PageMaker 5.0, this has been changed so that only objects on the selected page will print. The previous functionality provided a simple method for creating a "reader's spread" of a double-sided, facing pages document. To create a "reader's spread" with PageMaker 5.0, use the "Build booklet..." Addition with large page sizes and the "2-up consecutive" layout option selected.

In a printing dialog box, press the "Reset" button to restore initial settings in the current print dialog box (such as the "Color" or "Options" print dialog box). To reset all the "Print" dialog boxes to the settings they had when you chose "Print...", press the Shift key and then click the "Reset" button.

5. LINKS AND CROSS-PLATFORM COMPATIBILITY

The following sections describe undocumented features with important implications for high-resolution printing.

5.1 Cross-platform compatibility issues

The first time you open a publication created on the other platform (Windows or Macintosh) the "Translation options" dialog box appears, and lets you specify how you want PageMaker to handle file translation. The following sections assume you are opening a Macintosh PageMaker publication in Windows PageMaker:

About the "Translate file names in links" option:

If "Translate file names in links" is not checked, all link file names within the publication remain in Macintosh format. PageMaker is not able to access the linked files, and so cannot determine whether links are out-of-date, and cannot use the files for high-resolution output. If you later move the publication back to the Macintosh, PageMaker automatically re-establishes the links to the Macintosh files. If you want to move a publication to the Windows platform temporarily, and it is not necessary to have the latest versions of linked files, leave this option unchecked. (The original file name will still appear in the status field within the "Links" dialog box, so you can relink to the original files if you want.)

If "Translate file names in links" is checked, PageMaker translates all file names in links from Macintosh format to DOS format. PageMaker can then look for the linked files on the Windows platform, determine whether they are out of date, and (where appropriate) use them for high-resolution output. Note, however, that the translation process is typically not reversible. PageMaker discards all Macintosh folder information (files are assumed to be in the directory containing the publication being translated), and converts file names so they are valid under DOS (which may cause truncation or other modification of the name). Therefore, if you move a publication from Macintosh to Windows with "Translate file names in links" checked, and then move the publication back to the Macintosh, you may have to re-establish the links manually on the Macintosh. If you are moving a publication to the Windows platform permanently, or for final output, be sure to check the "Translate file names in links" option. We recommend using file names on the Macintosh that are valid on the Windows platform as well (that is, files should have a maximum 8-character filename with a 3-character extension).

About the "Translate PICTs to Metafiles" option:

If this option is unchecked, PageMaker does not convert PICTs in the publication into Metafiles. Graphics with PICT screen representations will display as gray boxes; graphics with PICT print representations will not print in high-resolution. If you are moving a publication to the Windows platform temporarily, and it is not necessary to view the graphics in the publication, leave "Translate PICTs to Metafiles" unchecked.

If "Translate PICTs to Metafiles" is checked, and "For viewing" is selected, PageMaker converts all PICT screen representations in the publication to Metafiles. All graphics in the publication will be viewable, but graphics whose print representations are PICTs will not print in high resolution. If you are moving a publication to the Windows platform temporarily, and you need to view the graphics in the publication, check the "Translate PICTs to Metafiles" and "For viewing" options.

If "Translate PICTs to Metafiles" is checked, and "For printing and viewing" is selected, PageMaker converts all PICT representations (screen and print) stored within the publication to Metafiles. Any graphic whose print representation is a PICT, and is stored internally, can print in high resolution. Note that only PICTs stored within the publication are translated to Metafiles. If a graphic's print representation is a PICT that is stored in an external file ("Store copy in publication" is not specified for the graphic), the print representation is not translated and the graphic will not print in high resolution. If you are moving a publication to the Windows platform permanently or for final output, check the "Translate PICTs to Metafiles" and "For printing and viewing" options.

When transferring pubs from Windows to the Macintosh and then back to Windows it is best to place the original Metafile once again if "Metafile to PICT" translation had been used. This will help avoid degradation in the image quality and minimize conflicts between print and viewing versions of the image.

Two final notes on PICT to Metafile conversion:

--Gradient fills in Macintosh PICTs will not be clipped as they are on the Macintosh, and the gradient colors may overrun other areas of the graphic. However, the problem may not be evident in translated Macintosh publications until the graphics are viewed in high resolution, which more accurately represents the image that will be printed. If you intend to convert a Macintosh publication over to Windows PageMaker and then print, be sure to view all translated PICT graphics at high resolution first. This problem applies also to Metafiles transferred to the Macintosh.

--PICTs which are placed directly into Windows publications, rather than translated within Macintosh publications, will match the printed output at both "Normal" and "High" resolution.

5.2 Undocumented enhancements to the "Links" dialog box

The following enhancements to the "Links" dialog box support cross-platform compatibility and can have important implications for high-resolution printing. The changes involve the following new icons for link status:

> This symbol identifies a link established in a Macintosh PageMaker publication that is not supported completely in Windows PageMaker. The following conditions can cause the problem:

1) You left the "Translate filenames in links" or the "Translate PICTs to Metafiles" options unchecked in the "Translation options" dialog box when you first opened the publication on the Windows platform.

2) A filter required to print the graphic is not available on the Windows platform. Because of differences in the Macintosh and Windows filters for this type of graphic, the graphic cannot print in high resolution on the Windows platform. If possible, re-import the graphic on the Windows platform. Alternatively, try re-importing the graphic on the Macintosh, check the "Store copy in publication" link setting before transferring the publication to the Windows platform. This problem applies only to vector-type graphics that are treated differently on Macintosh and Windows platforms. If you need high-quality printing results after transferring a publication across platforms, use a graphic format such as TIFF or EPS, if possible.

¿ This symbol can indicate that an object will not print in high resolution (because a linked file is missing, a required filter or OLE object-handler is not available, or the print image has not been translated for the current platform), or it can indicate that high-resolution printing may not provide the expected results (for example, because the linked file has been modified since it was last placed).

If in the "Links" dialog box you select an object that displays with one of these two new symbols, you can read the status statement below the list box for information on the particular problem.

6. FILTERS

To see a list of installed components, including all installed import and export filters, press Ctrl and choose "About PageMaker..." from the Help menu. If you chose not to install all filters at installation time, see the *PageMaker 5.0 Getting Started* manual for information about re-installing components.

6.1 Word-processors

PageMaker's online Help provides details on widely-used text import and export filters, but does not list all text filters supplied with PageMaker 5.0. The additional filters are: DCA/RFT, DEC WPS (import only), MultiMate/Advantage II (import only), PageMaker 4.0 (import only), Text-only, Ventura Publisher 3.0 (import only), Windows Write, WordPerfect for DOS (version 4.2, import only), WordStar for DOS (version 3.3-7.0, import only), XyWrite III and III+. Also note that the WordPerfect 5.x filter supports WordPerfect for Windows version 5.2, and the MS Word for DOS filter supports version 6.0.

The Word for Windows 2.0 import filter only supports embedded Windows Metafiles (WMF). Other graphic formats embedded within Word documents import as WMFs, regardless of their native format.

Windows Write 3.1 documents that contain inline graphics cannot be imported into PageMaker.

In MS Word for DOS version 6.0, a password can be assigned or removed in the "Save As" dialog box. PageMaker's import filter does not import a Word document that is protected in this way; you must remove the password before placing the document.

The PageMaker 4.0 Story importer filter is used when you bring in one or more stories from PageMaker 4.0 publications. The dialog box this filter displays will appear again after you click "OK." Click "OK" again to place the story.

For best results when using the Ventura Publisher import filter, make sure that document components (such as the .TXT and .STY files) have the same names and locations they had when you created the Ventura Publisher document.

6.2 Graphics

PageMaker includes an alternate EPS filter required to separate nested DCS files. See section 4.2 of this document for details.

If you are working with Photo CD images, we recommend moving them to your hard disk before placing them. This improves processing time, but more importantly lets you give each image a unique name. Renaming is important if working off multiple CDs, since numeric filenames are assigned when the images are first scanned, and images from separate disks will have identical filenames. Before printing a publication containing images from multiple disks, make sure the images are available from a single source and linked to that source; PageMaker will not prompt you through removable media at print time.

To use the "Acquire image..." Addition or the TWAIN import filter, the Data sources and supporting files (such as .DLLs) for the device you want to use to acquire an image must be available in the TWAIN directory or in its subdirectories. The TWAIN directory must be a subdirectory of the Windows directory. Data sources are shipped by the scanner vendor. The Data Source Manager file must reside in the Windows directory.

To import files from AutoCad 12 for Windows, it is preferable to export or save them as .DXF rather than .ADI format. The new HPGL commands and the changes to the interface driver in that version of AutoCad are not supported by the existing .ADI filter.

6.3 Excel 4.0

The updated Excel spreadsheet import filter imports Excel version 4.0 files. However, the following features introduced in Excel 4.0 are not supported unless you import a spreadsheet as a graphic: vertical alignments and orientations; cell

notes; custom number formats (improper values may import when these formats are applied); graphical elements within a spreadsheet; workbook files (individual spreadsheets comprising a workbook may be imported as usual); "Center across selection" alignment option (imports as right aligned).

Excel's "Best fit" column width option causes problems with certain fonts. We recommend setting column width manually.

To import or update an Excel 4.0 spreadsheet as a graphic, you must have that version of Excel installed and on the DOS path.

Excel charts do not consistently import at the same size. Before you import multiple charts into PageMaker, launch Excel, and then maximize the Excel Window.

7. ALDUS ADDITIONS AND SCRIPTING

7.1 Printer styles... Addition

With "Printer styles..." you can create a style to generate PostScript files (check "Write PostScript to file" in the "Options" print dialog box). If multiple publications in the same queue will have this style assigned, be sure to type the desired path in the edit box adjacent to the "Browse" button in the "Options" print dialog box. (For example, if you want all your PostScript files stored in a directory called "psfiles" in your root directory, type "C:\psfiles\" in the edit box.) Do not include a filename in the path statement, because the Addition will generate the filename based on the publication filename; this ensures that each publication writes to a different filename. Note that using the "Browse" button to specify path and filename requires you to enter a single static filename, which can cause conflicts if multiple files try to write to that name.

To print spot-color separations with this Addition, create a style override (that is, in the "Queued print jobs" list, double-click the name of the publication you want to separate), and in the "Colors" print dialog box, click the "Update ink list" button. This lets you work with the spot color inks defined in the publication you want to separate.

To print booked publications, create a style override (in the "Queued print jobs" list, double-click the name of the booked publication) to enable the book printing options.

When "Use PPD name" is selected in PageMaker's "Other preferences" dialog box, the "Printer styles..." Addition fails to parse PPDs, and error messages appear. Uncheck this preference setting to display PPD nicknames and prevent the parsing problem.

Finally, note that when a style includes the "Write PostScript to file" attribute, slugs are not included in the file (nor are they written to a separate file), even if "Include job slugs" is selected.

7.2 PS Group it / PS Ungroup it

When using the "PS Group it" Addition, note that the bounding box of the selected objects determines the size of the EPS graphic object that is created to form the group. If you group a caption with an image, for example, make sure the text block containing the caption is not much larger than the caption, since the entire text block will be incorporated into the grouped object.

We recommend that you ungroup a grouped object before deleting it, otherwise you'll have unnecessary .PMG files (generated by the Addition when you group objects) on your hard disk.

When you group an object with a keyline created with the "Create keyline..." Addition, the keyline may not be included with the group if the extent of the keyline is 0.0. Extend the keyline at least 0.1 or -0.1 points to enable the "PS Group it" Addition to group the object with its keyline.

When targeted to a PostScript printer, "PS Group it" creates files with the extension "*.PMG" and stores them in the same directory as your publication. Filenames for group files are based upon the first four characters of the publication name with a four digit number appended. A .PMG file stores the original objects you selected to group, a screen preview image, and the EPS code required for printing. If the .PMG file is not available at print time, grouped objects will not print at high resolution. If you delete a .PMG file, you will not be able to ungroup to restore the original objects. (You can import .PMG files with the EPS import filter.) Note that grouping complex sets of objects can create very large .PMG files which will increase your print times and publication sizes.

The .PMG files do not include downloadable fonts, so TrueType font information is not retained in grouped objects when you are targeted to a PostScript printer. Refer to page 242 of the PageMaker 5.0 User Manual for details on printing with PostScript and TrueType fonts.

The "PS Group it" and "PS Ungroup it" Additions generate the following preferences files to store your response to settings you select within alert messages posted by the Addition. GROUP.PRF prevents the "PCL resolution warning" dialog box from displaying. This file is created if you check the "Don't show this message in the future" checkbox. UNGROUP.PRF prevents the "Group deletion" dialog box from appearing when you ungroup. This file is created if you check the "Don't display this message in the future" checkbox. UNGROUPX.PRF prevents group files on the hard drive from being deleted when you ungroup an item. This file is created if you check the "Never delete the group file" radio button. By deleting a preference file you restore the initial setting.

If you group an object with a process color applied to it, and you later redefine the process color, the grouped object will not reflect the change in color.

Finally, note the following limits for grouping: The dimensions of any single object you wish to group cannot be larger than the current page size, and objects must be positioned on publication pages, not on master pages or the pasteboard. The number of pages in the active publication cannot exceed 997 at the time that you group objects.

7.3 Other notes on menu Additions

The "Running headers/footers..." Addition creates the header or footer beginning from the current text column that is selected, and does not automatically go to the first column on a page. To ensure that the full content of the page is indicated by the running header, click an insertion point in the first column on the page.

The Library palette creates two important files that should not be removed: "PARADOX.LCK" and "PDOXUSR.LCK." Also note that if you have closed a publication with the "Library palette" active, you may experience some delay when reopening the publication on slower machines.

The following Additions do not give correct results when the selected text block has been rotated: "Balance columns...", "Display story info...", "Find overset text," and "Traverse text blocks..." Also note that the "Create headline..." Addition cannot create keylines for a rotated inline graphic, or for an inline graphic within a rotated text block.

We recommend that you use the "Drop cap..." Addition when your publication is close to final, since changes in column width, alignment, or pagination (that is, if a drop cap paragraph is interrupted by a page break) can undermine the formatting that makes the drop cap effect. Also, because the Addition adds a tab and a line break to the ends of the lines that hold the drop cap, hyphenation and spell-checking can be affected. For example, if a word was split into two words by the tab or line break, a spell-check would probably identify this as a misspelling. Use caution when you finalize hyphenation and spelling in drop cap paragraphs.

You need the Windows 3.1 default TrueType fonts Arial and Times New Roman installed on your system (and enabled in the "Fonts" Control panel) to create publications with the "Open template..." Addition.

The calendar template that the "Open template..." Addition creates is designed to be updated with scripts installed with PageMaker, as described in the instructions on the calendar's pasteboard. Note that the update scripts will run incorrectly if you have modified the template, such as by moving objects or changing type specifications. For best results, use the scripts to update the months you want,

and then make design changes. For more information, refer to the "Days.txt" file within the PM5\USENGLSH\ADDITION\TEMPLATE\CALENDAR\DAYS directory.

7.4 Scripts

PageMaker 5.0 comes with several sample scripts you can run with the "Run script..." command on the Aldus Additions submenu. They'll give you an idea of how easy and powerful scripts are to use. Each script includes comments embedded within the text of the script; they explain what the script does, and point out what each section of the script is instructing PageMaker to do. To read the explanations, simply place the script file into your publication, or open the script file in Notepad. Alternatively, run the script with the "Trace" option checked in the "Run script" dialog box. The sample scripts are stored in the PM5\SCRIPTS directory.

The "Scriptspl.txt" in your UTILITY directory is a text-only file you can use to spell-check a script (the file is a list of script commands, queries, and keywords used in the scripting language). By using the Dictionary Editor to import the file into a new or existing user dictionary, and using the dictionary to control hyphenation and check spelling in your scripts, you can ensure that the scripts are free from disabling spelling or hyphenation errors.

When creating scripts for PageMaker for Windows, use a Windows-based text-editor or word-processor. PageMaker assumes that scripts or text-based commands are in the Windows ANSI character set, and some character values that appear to be legitimate filename characters in another character set are not legitimate when interpreted as Windows characters. Take note of this especially if using scripts written on the Macintosh for the Macintosh version of PageMaker. Upper-ASCII characters in filenames are particularly likely to cause problems when mapped to Windows characters. If you want to run a script written with a non-Windows-based editor, open the file in a Windows-based text-editor or word-processor first, and search for mis-mapped characters.

8. PAGEMAKER AND THE WINDOWS ENVIRONMENT

For better performance and memory-handling when running PageMaker under Windows for Workgroups, load DOS and other device drivers into high memory.

If you are running SHARE and expect to work with several publications open at once, set the SHARE parameters for tablespace and locks high enough to allow for PageMaker and other applications to work with multiple open files. Using the default settings in SHARE may lead to problems such as "File not found" messages pertaining to PageMaker resources. Refer to your DOS documentation for details on these issues. The following entry in your AUTOEXEC.BAT file would leave plenty of tablespace (5020 bytes) and allow for more than enough locks (124) for PageMaker to run concurrent with other applications: >SHARE /f:5020 /L:124. IMPORTANT: make a system diskette that

contains a backup copy of the AUTOEXEC.BAT before editing it, as an editing error can cause your system to function improperly. If you do edit AUTOEXEC.BAT, you will need to restart your computer for the changes to take effect. Refer to your Windows or DOS documentation for details on AUTOEXEC.BAT.

A "General Protection Fault" can occur when cropping grouped objects on a Radius MultiView 24-bit video card.

A "General Protection Fault" can occur when working with a bitmap greater than 20 megabytes and using the Compaq QVision display driver. Note that the problem is not necessarily due to the size of the graphics file that produces the bitmap--the scaling factor plays an important role as well. A relatively small bitmap graphic file, when scaled substantially and then displayed at %800 view in PageMaker, can lead to the creation of a large bitmap for display purposes and cause the error. Also note that this not likely to apply to versions of the Compaq QVision driver made available after June, 1993.

If you don't want the PageMaker Window to be maximized each time you start up, you can edit the "Maximize=1" line in your ALDUS.INI file to read "Maximize=0."

If you have Aldus IntelliDraw 1.0 or the Aldus PhotoStyler/Gallery Effects Accessory Pack installed on your system when you install PageMaker, you will have conflicts between versions of the ALDVM.DLL and ALDVMRES.RSL support files required by these applications. PageMaker installs a utility that resolves the conflict by updating the files so that the applications can share them. After installing PageMaker, take the following steps: 1) In File Manager, go to the ALDUS\USENGLISH\UTILITY directory. 2) Double-click the IDUPDATE.EXE. file. 3) For each file update message, click "OK" as prompted, or follow the instructions on screen. 4) When the utility notifies you that the update process is complete, click "OK." You can now run your Aldus applications.

9. ONLINE TUTORIAL

The online tutorial requires a "clean" installation of PageMaker and conventional Windows default settings to run effectively. If alert messages appear just before or during a demonstration, cancel out of the tutorial and take the following steps in Windows to ensure the animated demonstrations run correctly: Use the "Desktop" control panel to make sure the "Border Width" setting specifies the factory-set default of 3. Use the "Windows Setup" utility to choose small fonts display (if large fonts had been selected) or to a more standard VGA or SuperVGA ("SVGA") resolution setting. Finally, use the "Fonts" control panel to make sure the TrueType fonts Arial and Times New Roman are installed and enabled in the Windows. (If the alert messages report that files are missing, refer to the PageMaker 5.0 Getting Started manual to see the expected location of

PageMaker-installed files.)

To change the speed at which animated demonstrations run, choose "Preferences..." from the Options menu that appears when you launch the Online Tutorial.

To use the Table Editor lesson when PageMaker 4.0 is present on your system, you must first launch the Table Editor installed with PageMaker 5.0, and then start the tutorial lesson.