

Images List

Click the Images button to reveal the Images Info section.

The Images Info area will display a list of the images used in the document. FlightCheck will locate the link to each source image file and scan its internal data or characteristics to obtain the detailed information to display on the Images list.

Image Usage Icons

The icons at the left side of the Images list will represent the status and usage of the image file, whether or not the image's creator exists, and if the image is referencing fonts (EPSF), and the right portion of the Images list will represent the attributes of the images within the document, including whether or not an image has been scaled, skewed or rotated, or if the box it resides in has been scaled, skewed or rotated, or if some "style" or colorization has been applied to the image. Icons which appear in red mean FlightCheck has determined some sort of problem exists with the image usage based upon the related Ground Controls settings.

The image icon will be displayed based on the known application which created the image.

The font icon will represent the fact that the EPSF image is referencing one or more fonts. A red icon will indicate that FlightCheck has also detected something wrong with at least one of the fonts.

Image Name

The image name will be displayed under the Name column. Additional characters or marks may appear next to the name.

The image contains other embedded images. Click the arrow to reveal them.

+

The image is stored within the document or within another image.

-

The image is not included in the document, but is merely referenced by pathname.

LO

The image is down-sampled FPO (For Position Only).

HI

The image is hi-resolution OPI.

Page

The Page column will display the page number on which the image can be found in the document. An "*" asterisk indicates the page number is the start of a renumbering or Section Format. A "†" character preceding the page number indicates the image is positioned entirely off the page. For PageMaker® documents, "†PB" will signify the image is on the pasteboard area of the document.

Status

The Status column will display the status of the image file:

OK

Image file exists.

Missing

Image file cannot be found.

Modified

Image file has been changed (last saved date is different).

Off Page

Image is outside the printable area.

Non-Print

Image is suppressed from printing.

Stored

Image is embedded in the document file.

Nested

Image is embedded within another image.

LZW

Image is LZW encoded.

JPEG

Image is JPEG encoded

Size

The Size column will display the image's physical file size (which will also be used later on to estimate the disk space required to Collect the image).

Type

The Type column will display one of the following image types:

PICT

72 dpi Macintosh picture

TIFF

Tagged Image File Format

EPSF

Encapsulated Postscript File (vector drawing)

EPS

Encapsulated Postscript (pixel based image)

DCS/DCS2

Desktop Color Separations

CT

Scitex Continuous Tone

LINE

Scitex Line Work

JPEG

Joint Photographic Experts Group (compressed)

PDF

Acrobat® Portable Document File

Mode

The Mode column will display the image mode using one of the following:

1-BIT

Black and white

MONO

Monotone

DUO

Duotone

TRI

Tritone

QUAD

Quadtone

GRAY

Grayscale

INDEX

Indexed (1 byte index into an RGB color table)

RGB

3 bytes: Red, Green, Blue

CMYK

4 bytes: Cyan, Magenta, Yellow, Black

LAB

Lab Color

DPI

The DPI column will display the resolution of the image in terms of dots per inch. Note that you can click on the "DPI" column header to toggle viewing image resolutions by DPC (dots per centimeter). An EPSF (vector-based) image will show "n/a" (not applicable) for its DPI because by nature an EPSF is comprised of PostScript drawing commands which can be acceptably printed within any spatial area or output resolution.

X% / Y%

The X% and Y% columns will display the horizontal and vertical scaling factors that have been applied to the image. Both too high or too low scaling factors will effect image quality and RIP time.

Effective Resolution

The Res. column will display the Effective Resolution of the image. This is the result of multiplying the image DPI times the Y% scale factor. The vertical scale factor is used in the equation because this value can later be compared to the output lines per inch screening value.

Image Attributes Icons

The icons at the right side of the Images list represent the attributes that have been applied to the picture box. A black icon will signify the attribute defined by the column header has been applied to the picture or the picture box. A red icon will signify FlightCheck has detected some sort of "error" regarding the attribute according to the Ground Controls.

The "None" background icon signifies that the picture background has been set to the special transparency color called "None". Several problems can arise when an image is printed containing white around its edges. When the pixels are transferred to the printed page the white pixels will literally paint over and essentially erase the destination area. The application must therefore create a special "clip area" when drawing the image to prevent the erasure. However, the calculations to perform this clipping can be of such low quality that the edges of the image may appear to be "jagged" when printed.

The clipping path icon will represent the fact that the image contains PostScript commands that will clip the image causing only certain portions of the image to be printable. Note that if the background of the picture box has been set to "None", for a transparent effect, a clipping path is usually required for a pixel based image, otherwise the edges will print "jagged". If the needed clipping path is missing, this icon will be displayed in red.

The picture box frame icon will indicate that the picture box contains a frame or border. If the frame is a custom border, then FlightCheck will usually flag this as an "error" because such frames are usually "bitmap" (they should be PostScript drawings instead) and will not print very well.

The picture box rotation and skew icons will indicate that the picture box itself has been rotated or skewed.

The contents flip icons will indicate that the contents of the picture box has been flipped horizontally or vertically.

The image rotation icon indicates that the picture inside the picture box has been rotated. It is usually considered a better practice to always rotate an image within the application that created it, mostly to save processing time, allowing you to place the image on the document page straight up.

The image skew icon indicates that a skew has been applied to the picture inside the picture box.

The Style or Image Control icon indicates that a Style or Contrast has been applied to the image. FlightCheck usually considers any Style to be an "error" because some printers cannot handle the stylization commands, or literally throw out the information when substituting with a hi-res image.

These icons indicate that the image contains a Halftone Screen or a non-linear Transfer Function, or

both.

Image Preview Window

You can double-click an image name on the list at any time and the Image Preview window will appear. Note that when the Image Preview window is on the screen you can simply single-click another image on the list to view its info.

The Image Preview window will also show you the colors and fonts used by the image, as well as any Styles or Contrasts that may have been applied to the image.

Find Creator

Click the Find Creator button to locate and launch the application which created the image. FlightCheck will display a list of possible applications that could have created the image. Select the desired application and click the "Launch" button to activate it. If you would also like to have the application open the image, select the "Launch image" checkbox just prior to clicking OK.

Find Image

If the image is missing you can attempt to locate it by clicking the Find Image button. At this time you may also elect to automatically update other images that reside in the same folder as the newly found image.

Print

Click the Print button to print the contents of the Image Preview window.

Alphabetical Images List

To view document images alphabetically, select "Alphabetical Image List..." from the Views menu or type command+;

Click the Print button to print the list of alphabetical images.