
©1993-1998. All rights reserved.

Printed in the United States of America. Quark, QuarkXPress, and QuarkXTensions are registered trademarks of Quark, Inc. Apple and Macintosh are registered trademarks of Apple Computer, Inc. Adobe Photoshop, Adobe Illustrator and Adobe PageMaker are registered trademarks of Adobe Systems, Inc. FreeHand is a registered trademark of Macromedia, Inc., Multi-Ad Creator is a registered trademark of Multi-Ad Services.

Information in the document is subject to change without notice and does not represent a commitment on the part of Markzware. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the expressed written permission of Markzware.

MARKZWARE DISCLAIMER

Markzware is not affiliated with Quark, Inc., Adobe Systems, Inc., Macromedia, Inc., or Multi-Ad. Markzware makes no warranties, expressed or implied, concerning the computer extensions, programs, and products, including, but not limited to, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. The entire risk as to the results and performance of the computer extensions, programs, and products listed in this manual is assumed by the user. In no event shall Markzware, its directors, officers, employees, or agents be liable to you for any consequential, incidental, or indirect damages (including damages for loss of business profits, business interruption, loss of business information, and the like) arising out of the use or inability to use the computer extensions, programs, and products listed in this manual even if Markzware has been advised of such damages. Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, the above may not apply to you. Markzware's liability to you for actual damages from any cause whatsoever, and regardless of the form of the action, whether in contract, tort (including negligence), product liability, or otherwise, will be limited to \$5.

APPLE DISCLAIMER

In no event will Apple Computer, Inc. be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect in the software or its documentation, even if advised of the possibility of such damages. In particular, Apple shall have no liability for any programs or data stored in or used with Apple products, including the costs of recovering such programs or data.

QUARK DISCLAIMER

QUARK, INC. MAKES NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, REGARDING THE ENCLOSED COMPUTER SOFTWARE PACKAGE, ITS MERCHANTABILITY, OR ITS FITNESS FOR ANY PARTICULAR PURPOSE. QUARK, INC. DISCLAIMS ALL WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE WARRANTIES OF THE DISTRIBUTORS, RETAILERS AND DEVELOPERS OF THE ENCLOSED SOFTWARE.

WITHOUT LIMITING THE FOREGOING, IN NO EVENT SHALL QUARK, INC. BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATING TO THE USE OR ARISING OUT OF THE USE OF THE ENCLOSED SOFTWARE. QUARK, INC.'S LIABILITY SHALL IN NO EVENT EXCEED FIFTY DOLLARS (\$50.00)

THE EXCLUSION OF IMPLIED WARRANTIES AND/OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES IS NOT ALLOWED IN SOME AREAS, SO THESE EXCLUSIONS AND LIMITATIONS MAY NOT APPLY TO YOU.

ADOBE DISCLAIMER

In no event will Adobe Systems, Inc. be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect in the software or its documentation, even if advised of the possibility of such damages. In particular, Adobe shall have no liability for any programs or data stored in or used with Adobe products, including the costs of recovering such programs or data.

MACROMEDIA DISCLAIMER

In no event will Macromedia, Inc. be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect in the software or its documentation, even if advised of the possibility of such damages. In particular, Macromedia shall have no liability for any programs or data stored in or used with Macromedia's products, including the costs of recovering such programs or data.

MULTI-AD SERVICES DISCLAIMER

IN NO EVENT SHALL MULTI-AD SERVICES, INC., BE LIABLE TO A CUSTOMER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATING TO THE USE, OR ARISING OUT OF THE USE, OF MULTI-AD Creator2. IN ADDITION, MULTI-AD'S LIABILITY TO THE CUSTOMER FOR DIRECT DAMAGES RELATING TO OR ARISING OUT OF THE PROGRAM SHALL IN NO EVENT EXCEED THE PURCHASE FEE PAID BY THE CUSTOMER FOR USE OF THE PROGRAM.

WARNING

The FLIGHTCHECK® font collection feature culls out from the user's system file or archives contained on locally mounted disk drives those fonts which are used or referenced by a particular graphics document. The feature collects the fonts into a job folder either for use by a third party such as a printer or a service bureau for printing or editability.

If you are such a third party, you are hereby advised that the fonts contained within collected job folders are intended for your use only in the event that you are independently licensed to do so. Under no circumstances are the fonts contained in the collected job folder intended for use by you for any other purpose otherwise. Any other unlicensed use of the fonts contained in the collected job folder would be in violation of copyright and other intellectual property laws.

Table of Contents

Welcome to FLIGHTCHECK® COLLECT!	1
Life Before FlightCheck Collect!.....	2
Installing FlightCheck Collect!	3
System Requirements.....	3
Installation Procedure.....	3
Memory Configuration.....	3
Serial Number	3
FlightCheck Collect!Preferences	4
Setting a Password.....	4
FlightChecking a Document	5
Selecting a Document.....	5
Recent Files	5
Scanning a Document.....	6
Examining a Document	6
Verifying a Document.....	6
FlightCheck Collect! Results	7
Results Window	7
Flagged Items.....	7
Specific Items.....	7
Possible Remedies.....	8
Print Results.....	8
Save Results	8
Sound Alert	8
FlightCheck Collect! Main Window.....	9
Main Window	9
Application Link Button	9
Selecting the Application.....	9
Applications Locations	10
Launching the Document	10
The 3 Category Buttons.....	11
Resizing a List.....	11
Colors List	12
Color Type Icon.....	12
Used in Document Icon	13
Used in Image Icon	13
Color Name and Sample.....	13
Color Model and CMYK Values.....	13
Fonts List	14

Font Status Icons.....	14
System Icon	14
Fonts Database Icon	14
Embedded Font Icon	14
Font File Icon	14
Printer Font File Icon	14
Document Icon	14
Image Icon.....	14
Font Name	15
Printer Font Filename	15
Font Style	15
Use Fonts Database	15
Fonts Database	16
Fonts Folders.....	16
Screen Fonts	16
Font Suitcases.....	17
Style.....	17
Printer Font Files	17
Active Fonts	17
All Fonts	17
Images List	18
Image Usage Icons	18
Image Icon.....	18
Font Icon.....	18
Image Name	19
Page	19
Status	19
Size	20
Type.....	20
Mode.....	20
DPI.....	21
FlightCheck Collect! Report.....	22
Printing a Report	22
Saving a Report	22
FlightCheck Collect! Help	23
FlightCheck Collect! Time	23
Main Window/Ground Controls Title	23
Ground Controls	24
Ground Controls Categories	24
Controls Lock	24
Selecting a Control	25

The Default Set	25
Ground Controls Sets.....	25
Selecting a Set.....	25
Rename Set.....	26
Delete Set	26
Ground Controls Files.....	26
Loading Ground Controls	26
Saving Ground Controls.....	26
Ground Controls Password.....	26
Printing Ground Controls	26
Ground Controls Window Title.....	26
Application-Specific Ground Controls.....	27
Color Controls.....	28
Usage Controls	28
Non-CMYK/Pantone®.....	28
Bitmap Frames.....	28
Mismatched Colors.....	28
Hairlines	28
Font Controls.....	29
Status Controls.....	29
Active	29
Screen Font	29
Printer Font.....	29
Type Controls	29
TrueType™	29
City/System Font	29
Multiple Masters.....	29
Usage Controls	30
Menu Styled.....	30
Image Controls.....	31
Type Controls	31
Mode Controls	31
File Status Controls.....	31
Missing.....	31
Modified.....	31
Stored.....	32
Not Included.....	32
Nested.....	32
Collecting the Job	33
Collect Job.....	33
Collecting Fonts.....	33

Styles Menu	33
Point Size Menu	33
Fonts Folder	34
Single Suitcase	34
Collecting Images	34
Selecting Image Types	34
Full Image Pathnames	35
Images Folder	35
Collecting Ground Controls.....	35
Include Files.....	35
Misc. Files	35
Job Information	35
Compress Job	36
Retain Job Name	36
Creating a Job Folder	36
Final Job Folder	36
Collect Report.....	37
Stuff/Unstuff.....	37
Segment/Join	37
FlightScript™	38
Scripting Functions	38
Scripting a Workflow	39

Welcome to FLIGHTCHECK® COLLECT!



The term “collect” can be simply defined as the process of gathering together a document and all of its related files, such as fonts and images, so that the full job, with no missing elements, is complete and ready for printing. All elements of the job must be available at the time of printing in order to prevent the process from coming to a grinding halt, necessitating a wait for the missing elements to be obtained.

Failing to fully collect a job can have serious consequences resulting in wasted paper or film, lost time and consequently added expenses. For example, if a document contains text which uses a particular font which is inactive at the time of printing (because it was not included with the job), the output device may use the screen version of the font, which is usually bitmap and prints rather “blocky”, or even worse the printer will substitute the font with another, most commonly the dreaded font “Courier”. If an image is missing, an application may still go ahead and output the picture using the low-resolution preview which you see on the screen, with the end result being a poor or undesirable printout.

Now, imagine, if you will, the embarrassing experience of going to the food store, taking your basket full of groceries up to the counter only to discover you have left your money and credit cards back at home! Well, a similar type of thing can happen to you as you try to get a job printed. You must always first prepare your job, to ensure everything is complete and ready. But, relax and do not worry for now you can rely on FlightCheck Collect! to round up all your files for you before you go to press and never again will you ever have to worry about the possibility of “leaving something behind”.



COLLECT!

Life Before FlightCheck Collect!

Before FlightCheck Collect!, the most common way to prepare a job was known as the “trial and error” approach. This is where you would print the document, cheerfully skip over to your printer, pick up the paper, then abruptly burst into tears after spotting something wrong. You would then have to go back and find the missing items, and try printing again, this time with fingers crossed.

As users started getting wiser, they would try to develop some sort of checklist of items comprising the job. But, it isn't always an easy thing to know about all the fonts and images used within a document, let alone finding the files on your hard drives. This process tended to be very time consuming, and there was no guarantee of a complete and thorough job every time. If just one single item was missing, it would need to be found and the document would need to be reprinted.

Today we now have FlightCheck Collect! which scans documents electronically with high precision and speed and discovers all of the elements required to collect a complete job.

When FlightCheck Collect! issues its final approval, the job can then be confidently sent along to be printed. But, the real advantage to using FlightCheck Collect! becomes clearly evident when you consider what might happen if you blindly and bravely attempt to print your document without even bothering to first check if all the job is fully prepared and that all items comprising the job have been gathered.

Therefore, before you go to press, you should always remind yourself of this very important motto: “**What you collect is what you get!**”

Installing FlightCheck Collect!

System Requirements

To use FlightCheck Collect!, you will need the following hardware:

- A Macintosh computer with either a 68K or PPC processor.
- A minimum of 2 to 4 MBs of RAM.
- Apple System software version 7.5 or higher.
- 13" RGB monitor.

Installation Procedure

To install FlightCheck Collect!, simply double-click the FlightCheck Collect! Installer icon on your master diskette and choose the destination for the station where you will be using your FlightCheck Collect!.

Memory Configuration

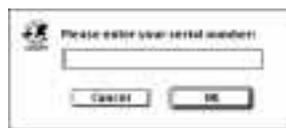


FlightCheck Collect! only requires about 2 MBs of RAM to operate sufficiently upon average to medium size jobs. However, if you want to check very large files, or use a Fonts Database (page 16) which references a large quantity of fonts, you will need to increase memory.

To increase the amount of memory allocated to FlightCheck Collect!, click once on the FlightCheck Collect! application icon, then select “**Get Info...**” from the Finder’s File menu. The Get Info window will appear, displaying a variety of information about the application. In the lower right corner of the window is the Memory Requirements area. This lists the Suggested, Minimum and Preferred memory settings.

Enter a new value for the Preferred size. 8 MBs is usually plenty to run FlightCheck Collect! on fairly large jobs.

Serial Number



Upon initially launching FlightCheck Collect! you will be asked to enter your **serial number**. You can find the serial number on the back of the diskette or on the registration card.

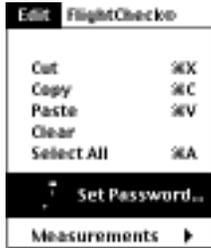
Please take the time to fill out the registration card and return it for a special FlightCheck T-shirt! Remember, only officially registered users are eligible for free Tech Support and update notifications.

FlightCheck Collect! Preferences



When you first launch FlightCheck Collect!, a folder will be created within your System->Preferences folder called “FLIGHTCHECK® COLLECT! Prefs *f*”. This folder will contain your FLIGHTCHECK® COLLECT! **Preferences** file as well as the Fonts Database file (see page 16). The Preferences file holds various setup parameters, such as the positions of windows, your current sets of Ground Controls (see page 24), and so forth. You may trash the FLIGHTCHECK® COLLECT! Preferences file or the Fonts Database file at any time prior to running FlightCheck Collect! and a new FLIGHTCHECK® COLLECT! Preferences file or Fonts Database file will be automatically created.

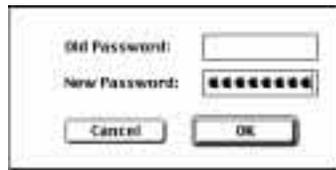
Setting A Password



FlightCheck Collect! allows you to set your own password in order to prevent others from running your copy of FlightCheck Collect!, effectively stopping them from changing your particular setup or preferences settings. You can set a password by selecting “**Set Password...**” from the Edit menu.



To create a password, click the Set Password button. If a password already exists, first enter the password before clicking the button.



Enter your password (up to 8 characters) and click OK upon which you will be asked to retype your password for verification.

Thereafter, whenever you run FlightCheck Collect! you will be asked to enter your password in order to continue.

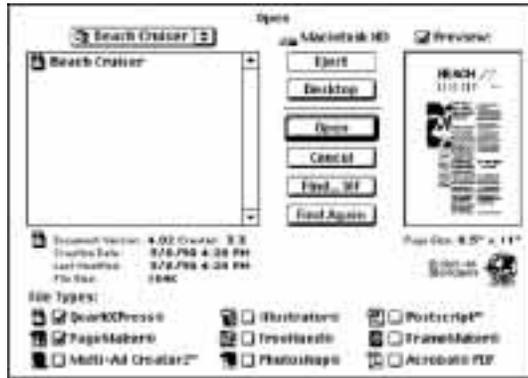
FlightChecking a Document

Selecting a Document

FlightCheck Collect! Tip:



Use the Find... button to search the current volume in order to locate a document by name.



Locate the document you wish to flightcheck and collect by first selecting “Open Document...” from the File menu.

You can choose which file types to view by selecting the desired checkboxes. Detailed information about the currently selected file

will be displayed on the left, such as its file type and version number, the file’s creation and last modified dates and the file’s size on disk. The document’s page size will be presented on the right side of the window, as well as a preview of the document (if one exists). When ready, click the “Open” button or double-click the document’s title on the list.

FlightCheck Collect! Tip:



Holding down the control key while clicking a checkbox will automatically deselect all other checkboxes.

Note that you can check multiple documents by dragging their icons (or the folder they reside in) onto the FlightCheck Collect! application icon and they will be examined individually one by one. (If drag & drop does not work properly for you, then you will need to rebuild your desktop).

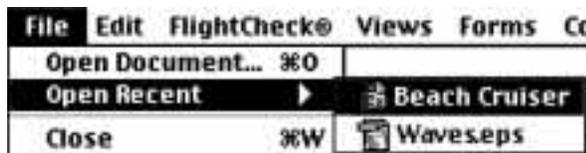
Recent Files

FlightCheck Collect! Tip:



To remove an item from the menu, select it while holding down the shift key.

Upon opening a document, its name will be conveniently placed on the “Recent Files” pop-up menu under the File menu. This allows you to examine the file at any time in the future by simply selecting it from the menu.



Scanning a Document



When a document has been selected and opened, FlightCheck Collect! will then begin scanning the file by examining its elements and building lists of data, such as the colors, fonts and images used by the document and placed artwork. While this is occurring, a window will appear informing you of the progress.

You can abort the process at any time by pressing command+“.” (period).

Examining a Document

FlightCheck Collect! will perform an extensive examination of the document and all its elements. It will look at each page of the document and examine all of the boxes and objects and record the various attributes and parameters regarding each box, such as its position on the page, its background fill color, its frame color and thickness, and so forth. FlightCheck Collect! will also scan the text characters of each story and record their font and style usage, then determine the locations of the font suitcases and printer font files and further scan these files to obtain additional detailed information about each font used. FlightCheck Collect! will likewise investigate each of the source image files by locating their links, opening the image files and scanning through their internal data to obtain more information about each image, such as its resolution, color mode, and so on. Additionally, FlightCheck Collect! will begin gathering other important information about the document such as its printer settings, trapping defaults, style sheets and typographical preferences, etc. FlightCheck Collect! will even conduct further research if it detects and determines the document has related, possibly even required files, such as XTensions, Preferences, Libraries, Dictionaries, PPDs, etc.

Verifying a Document

Once the document has been fully examined, a verification process will begin. The gathered data is compared to a set of user-definable rules (known as the “Ground Controls”) which allows you to instruct FlightCheck Collect! to determine what exactly constitutes a passing or failing grade. Finally, when all of the tests have been completed, FlightCheck Collect! will display a Results window and present to you a comprehensive and detailed report of the analysis.

FlightCheck Collect! Results

Results Window

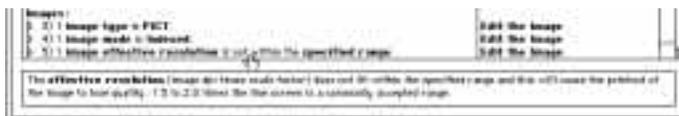


After FlightCheck Collect! has scanned the document, the Results window will appear.

At the top of the Results window are the eight basic categories for which FlightCheck Collect! will report. A green “√” checkmark means the category appears to be OK while a red “X” means the category did not pass the tests. The specific pass or fail status of each category depends, of course, upon the current Ground Controls settings, as explained later.

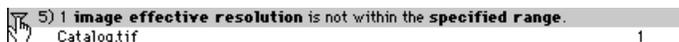
Flagged Items

The Results window will display a list of flagged items, in other words potential problems. Single-click a line and additional helpful information about the item will be displayed at the very bottom of the window.



Specific Items

Click any arrow on the left side of the Results window to open an item (or simply double-click the row) to reveal the specific elements involved.



Select the “**Show All Specific Items**” checkbox to reveal or hide all items (or hold down the option key while clicking an arrow).

Possible Remedies

To the right of each item on the Results list will be displayed a possible remedy for the potential problem. These simple solutions can often be used to help you quickly figure out how to correct the problem.

Print Results

FlightCheck Collect! Tip:



You can find the FlightCheck Fonts menu for OS 8 under the General popup menu.

You can print the Results (when the Results window is frontmost) by selecting “**Print Results...**” from the File menu at which time you can choose to include the Remedies, as well as the type of font you want for the printout.

Save Results

You can save the Results to a text file, allowing you to import the text file into an editor, by selecting “**Save Results...**” from the File menu.

Sound Alert

Secret Tip: Hold down the control key while selecting “Sound Alert” to choose a sound file. Use the command key to revert to the eagle cry. 

When checking is complete and FlightCheck Collect! has detected some sort of problem, an “eagle cry” alert will sound. This can be turned off by selecting “**Turn Off Sound Alert**” under the FlightCheck® menu.

FlightCheck Collect! Main Window

Main Window

FlightCheck Collect! Tip:



Double-click the eagle icon at the upper left corner to perform a full FlightCheck at any time.

The FlightCheck Collect! Main window contains three category buttons



which you can use to reveal all the details of the current document.

Application Link Button

FlightCheck Collect! Tip:



Hold down the control key when using the Application Link feature to avoid searching Network volumes.

Application: **(Unknown)** Version: **(Unknown)**

The Application Link button will display the name and version number of the application which created the document. If the application location is unknown, as evidenced by the Application Link button data being displayed in red, or a red “X” appears to the left of the button, then FlightCheck Collect! will be unable to employ certain advanced functions.

Selecting the Application



The first step you will need to take is to locate and select the application that created the document. This is done by either single-clicking the Application Link button, or by selecting “**Locate Application...**” from the FlightCheck® menu.

FlightCheck Collect! will display a list of all possible applications that might have created the document. Select the appropriate application version by clicking once on its name to highlight it, then click the “**Select**” button. FlightCheck Collect! will then be able to update the display of the Application Link button on the Main window.

Applications Locations

As you work with various types of documents, FlightCheck Collect! will remember the locations of your major applications such as QuarkXPress, PageMaker, FreeHand, Photoshop, Illustrator, etc., and will automatically select them for you whenever you open a document created by one of them.

It is important to keep in mind that the application version you used to create a document should be the same as the one you intend to use to print the document. For this reason, if you are going to a Service Bureau, it is always advised you own a copy of the same application they will be using, otherwise the output may not be quite what you expect. However, it is sometimes acceptable to use a different minor revision number of an application (generally recognized as the second digit). For example, an application version of 1.02 might be equivalent with regards to the printing output to a version 1.01, whereas the application versions 1.0 and a 1.1 (their first digits differ) might be totally different with respect to the way text is flowed, and the varying preferences for each version of the application might also affect printing.

Launching the Document



Once an application has been located, you can thereafter launch it at any time by single-clicking the Application Link button, or by

selecting "**Launch Document...**" from the FlightCheck® menu.

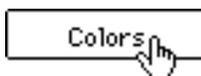
At this time you can also select the "**Launch document**" checkbox to send along a request to the application to open the current document.

You may work on the current document inside its application as desired, but keep in mind that any changes you make to the "live" document will only be in memory and therefore FlightCheck Collect! will be incapable of recognizing your changes to the document. However, once you save the document and then return back to FlightCheckCollect!, the document file will be rescanned in order to update all the data to the document's currently saved state.

The 3 Category Buttons

FlightCheck Collect! Tip:

Hold down the control key when clicking a button to also close all other categories. Include the option key to open or close either the group of 3 buttons, or include both the option and command keys to open or close all buttons.



You can click any one of the three category buttons at any time to expand the window to reveal details regarding the category.

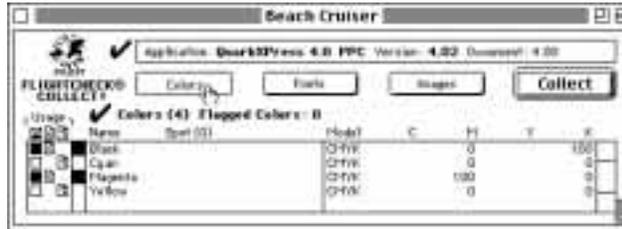
Reclick the button to collapse the window and close up the category.

Resizing a List

You can resize the lists for the colors, fonts or images categories by dragging the area's grow box  at the right side of the window. The entire window can be resized by dragging the grow box at the window's bottom right corner, or by clicking the zoom box at the upper right corner, in which case all categories will be automatically adjusted in size.

Colors List

Click the **Colors** button to reveal the Colors Info section.



The Colors Info area will display a list of the colors used in the document or within placed images. FlightCheck

Collect! builds this list by examining the colors used for text characters, the colors which have been applied to the background fills and frames of boxes, the colors used for lines and paragraph rules, and the colors referenced within placed images.

Color Type Icon

The first column  on the left, under the Usage section, shows an icon which informs you of the color's basic type.

Icon Meaning

-  The 4 Process colors, Cyan, Magenta, Yellow and Black, will be recognizably displayed using their respective colors.
-  The **Process color** icon means that during the printing, the color's CMYK values will be used and no separation plates can be obtained based on this specific color.
-  The **Spot color** (green icon) means when printing separations you can use this specific color for an additional plate.
-  The **Registration** icon signifies the special registration color which is most often intended to be used to print registration marks and targets which will appear on all plates.

Used in Document Icon



The second column **document** icon informs you whether or not the color is being used in the document. When this icon appears in this column, it tells you that the specific color is used somewhere in the document in a text story, as a background fill, in a blend or gradient, or for a frame or line or paragraph rule.

Used in Image Icon

FlightCheck Collect! Tip:



Click and hold the button on the image icon to view a menu of the images using the color. Select an item to likewise select the image on the Images list.



The third column **image** icon informs you whether or not the color is being used in an image. In EPSF images, the color usually pertains to a painted or stroked object making up the drawing, and is often listed as a Spot color. A detailed TIFF image, which can have millions of colors, is most often determined to consist of mixtures of the 4 process colors: Cyan, Magenta, Yellow and Black.

Color Name and Sample



Cyan

To the left of each color's name is a sample display of the color. Note that an underlined name indicates the color is a Spot color, an *italicized* name indicates the Spot color is unused and an out-line name indicates a mismatch (the color values defined in the application are different than the values in a placed EPSF).

Color Model, CMYK Values

Model	C	M	Y	K
CMYK		0		100

To the right of the color's name are columns giving you the color model and

the actual CMYK values for the color. Values displayed in their respective CMYK colors indicate the color is a Process color while values displayed in black indicate the color is a Spot color. A red value means the color is involved in some sort of "mismatch" (the color is defined differently within an image).

Fonts List

FlightCheck Collect! Tip:



Command-click a font on the Fonts List to go to the Fonts Database.

Click the **Fonts** button to reveal the Fonts Info section.



The Fonts area will display a list of the fonts used in the document or by placed images. Any item which appears in red

means FlightCheck Collect! has determined some sort of problem exists based on the Grounds Controls.

Font Status Icons

The 5 columns under the Status section will display various icons informing you of the status and usage of each font.

Icon Meaning

-  The **System** icon informs you that the font is currently active. A red icon indicates the font is inactive or cannot be located.
-  The **fonts database** icon means the font is not currently active, but can be found in the Fonts Database.
-  The **embedded font** icon means the font resides inside the EPSF, Postscript or PDF file being checked.
-  The **font file** icon represents the suitcase file in which the font resides. A red icon indicates the suitcase file cannot be found.
-  The **printer font file** icon represents the font's printer file. A red icon indicates the printer file cannot be found. A "-" dash character means a printer font will not be required for printing (TrueType™ fonts).
-  The **document** icon means the font is used in a text story somewhere within the document.
-  The **image** icon means the font is referenced in an EPSF image.

Font Name

This column will display the **name** of the font. If a name is displayed in red then this indicates FlightCheck Collect! has detected some sort of problem regarding this font in general.

Printer Font Filename

This column will display the **printer font filename**. A “-” dash character means a printer font will not be required for printing (TrueType™ fonts). A red name means the file cannot be located. Printing a document when a printer font file is missing will usually result in a completely unwanted or unexpected printout as the font will most likely be substituted (commonly with the dreaded font “Courier”).

Font Style

The **Style** column will inform you if a style has been applied to the font. Some fonts have built-in styled versions, which usually print just fine, but in other cases where the font has no equivalent style, FlightCheck Collect! will consider the usage of such a typeface to be an “error”.

Use Fonts Database

Use Fonts Database The **Use Fonts Database** checkbox instructs FlightCheck Collect! to look into the Fonts Database for a font whenever it appears to be missing or is not currently active at the time of the examination.

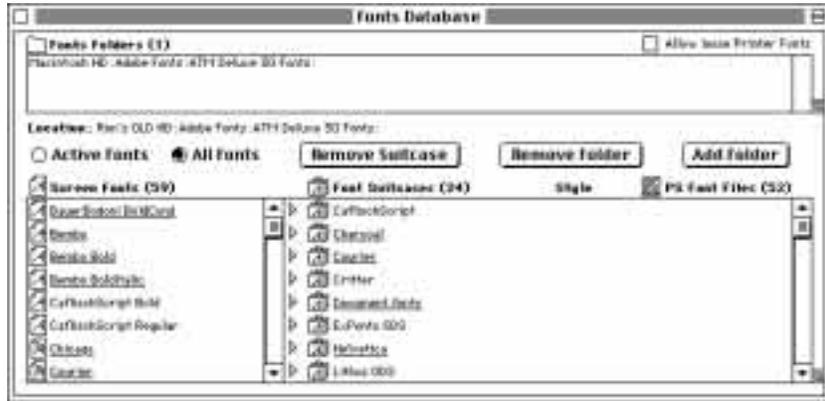
Fonts Database

FlightCheck Collect! Tip:



Use the “Allow loose Printer Fonts” checkbox to search all font folders for missing printer files (a feature of Suitcase). Note that this may slow down the Fonts Database.

FlightCheck Collect! offers a very valuable feature called the “**Fonts Database**”. To view the Fonts Database, select the item from the FlightCheck® menu, or press command+D.



The Fonts Database is basically a list of the source folders where you would like FlightCheck Collect! to look in order to find missing fonts, which thereby allows FlightCheck Collect! to examine and verify fonts, as well as collect them, even if the fonts are not active.

Fonts Folders

The Fonts Database works by allowing you to inform FlightCheck Collect! of the locations of the various folders containing your font files. A Fonts Folder can be added to the list by clicking the “**Add Folder**” button and a window will appear asking you to select the desired folder. At this time you may also direct FlightCheck Collect! to include all nested folders contained within the chosen parent folder.

Screen Fonts

FlightCheck Collect! Tip:



You can type in a partial name for a screen font in order to find and select it on the list.

On the left portion of the Fonts Database window will be the list of **screen fonts** which consists of the names of the font as you would see them if you were inside your application working on the document. An underlined name indicates the font is currently active.

Font Suitcases

FlightCheck Collect! Tip:



Option-clicking the twist down triangle will open or close all suitcases.

FlightCheck Collect! Tip:

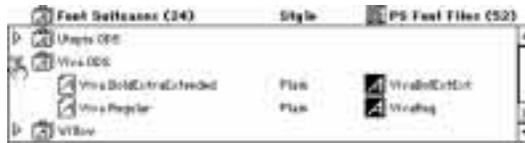


You can tell if a font supports a particular style by examining the suitcase in the Fonts Database. If the style is not listed, or the printer font file is displayed in red, then you will know there could be problems printing the style.

When you click on a screen font name, its associated **Font Suitcase** on the right portion of the screen will likewise become highlighted.



On the right side of the window will be a list of the Font Suitcase files in which the fonts reside on disk. Click on the arrow to the left of a suitcase name to “open” the suitcase and reveal the fonts, along with the names of their respective styles and printer font files.



To remove a suitcase (provided it contains no active fonts), select it on the list and click on the **Remove Suitcase** button.

Style

This column will display the respective **style** for the given font. It is important to note that if a particular style (plain, bold, italic or bold+italic) is not listed, then this means the font cannot support the style.

Printer Font Files

When a font suitcase item is “open” and its contents are revealed, the font’s **printer file name** will also be displayed. A red icon indicates the file cannot be found, while a “-” dash will mean the printer font file will not be required for printing (for TrueType™ fonts).

Active Fonts

The **Active Fonts** radio button allows you to display a list of the fonts which are currently active in your System.

All Fonts

The **All Fonts** radio button can be selected to view a list of all fonts contained in your Fonts Database.

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 Collect! 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.

The icons at the left of the Images list will represent the “usage” 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 Collect! has determined some sort of problem exists with the image usage based upon the related Ground Controls settings.

Image Usage Icons

FlightCheck Collect! Tip:



Click and hold down the button on the image icon to view a menu of the colors used by the image. Select an item to likewise select the color on the Colors list.

Icon Meaning



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 Collect! has also detected something wrong with at least one of the fonts involved.

Image Name

FlightCheck Collect! Tip:



Click on the word "Name" to toggle showing the images using their full pathname.

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

Mark Meaning

-  The image contains other embedded images. Click the arrow to reveal them.
- +
-
-  The image is down-sampled FPO (For Position Only).
-  The image is hi-resolution OPI.

Page

FlightCheck Collect! Tip:



Click on the word "Page" to toggle showing the page numbers in Section Format "*".

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:

<u>Status</u>	<u>Meaning</u>
OK	Image file exists and appears to be okay.
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

FlightCheck Collect! Tip:



An underlined size value means the image has been compressed (such as LZW or JPEG).

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

FlightCheck Collect! Tip:



The  icon indicates the image is an IBM PC type image.

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

<u>Type</u>	<u>Description</u>
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

FlightCheck Collect! Tip:



A number after the mode indicates the image contains extra channels. An underlined mode indicates the image is comprised of layers.

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

<u>Type</u>	<u>Description</u>
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

FlightCheck Collect! Tip:



Click and hold down the button on the "font" icon to view a menu of the fonts used by the image. Select an item to likewise select the font on the Fonts list.

DPI

FlightCheck Collect! Tip:

Click on the word “DPI” to toggle showing the resolution using DPI (dots per inch) or DPC (dots per centimeter).

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.

FlightCheck Collect! Report

Printing a Report

FlightCheck Collect! Tip:



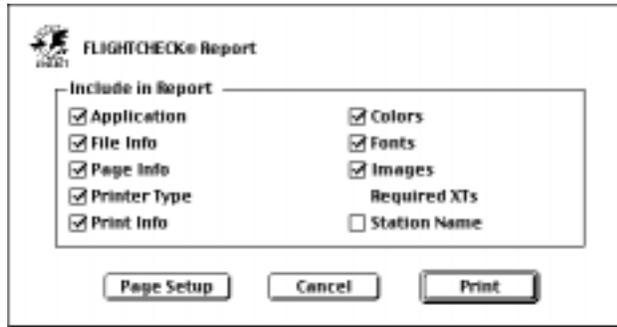
Select the "Station Name" checkbox to include your computer's Chooser name in the Report.

FlightCheck Collect! Tip:



With FlightCheck Main Window Active, select "Print Report"; press Print button to obtain printer dialog box. Hold down the "General" popup, then select "FLIGHTCHECK." Check the "Print Color" button to print report in color.

After a document has been scanned and the Main window is active, Select "**Print Report...**" from the File menu and the Report preferences window will appear.



Choose the items you would like to include in your report by checking the appropriate boxes.

Upon clicking the Print button, you can then choose to print in color (problem items will print in red), as well as choose the font for the Report.

Saving a Report

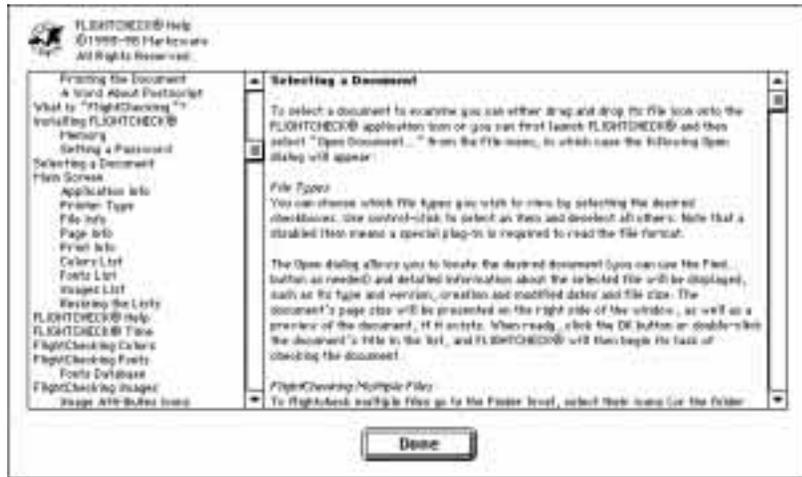
To save the Report to a text file, which allows you to then import the text file into an editor, select "**Save Report...**" from the File menu.

FlightCheck Collect! Help

FlightCheck Collect! Tip:

 Click and hold down the mouse button on any item of the Main window or the Ground Controls window to obtain the Hot Help.

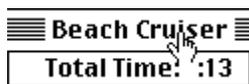
There are two types of help in FlightCheck Collect!: FlightCheck® Collect! Help and General Help.



Select “**FlightCheck® Collect! Help...**” from the Help menu. The Help window is sorted by topic and you can click through each section on the left to find the help you need.

To obtain Hot Help for the Main window or the Ground Controls window press command+? (or select “**General Help...**” from the Help menu) and a special help cursor will appear. Move the help cursor over an item and a special Help message window for that item will be displayed explaining the item. To abort, simply click the mouse button.

FlightCheck Collect! Time



Hold down the shift key while clicking the Main window’s title to obtain the amount of **time** spent checking the current document.

Main Window & Ground Controls Title

Hold down the control key while clicking the Main window’s title to include the name of the current Ground Controls set.

Ground Controls

The very heart of FlightCheck Collect! is based upon a powerful feature called the “Ground Controls”. These are custom preferences that serve as the rules for how FlightCheck Collect! should conduct its examination and determine exactly what constitutes an “error”. You can instruct FlightCheck Collect! to report on specific items from several different categories, allowing you to expand your document checking possibilities as you desire.

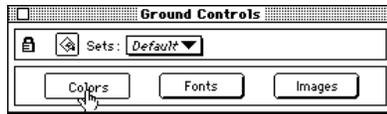
Ground Controls Categories

FlightCheck Collect! Tip:



Clicking a button with the control key held down will position the window at the bottom of the screen.

The Ground Controls are divided into 3 general categories which allows you to sweep through the flightchecking process section by section. Select “**Show Ground Controls**” from the FlightCheck® menu, or press command+G, and the Ground Controls window will appear. Click on any of the category buttons to expand the window into that category.



Reclick the category button to collapse the window.



Click the expansion arrow on the right side of the window to view the sub-sections of the category, or reclick to collapse the category.

Controls Lock

At the upper left corner is the Controls Lock.  When this icon is shown in the “locked” state, it means you cannot change any settings. To unlock or relock the Controls, simply click on the icon.

Selecting a Control

FlightCheck Collect! Tip:



Changes made to your Ground Controls settings are always automatically saved when you close the Ground Controls window.

To select or deselect a control, simply click on the checkbox. 

Icon Meaning



An unchecked box informs FlightCheck Collect! to ignore this item.



A checked box means you are instructing FlightCheck Collect! to use this item during its investigations.



A black framed unchecked box means the item was found to be used by the document and could therefore be a possible item you might want to eventually verify. Simply check the box to do so. A good preflighter should always visually inspect the Ground Controls for these framed boxes.



A red framed checked box will signify some sort of problem exists. Uncheck this box to inform FlightCheck Collect! to assume the item in question is no longer a “problem”.

The Default Set

FlightCheck Collect! always keeps an internal set called the “**Default**” set. It is important to note that all Ground Controls sets (or file sets) share this Default set and for this reason it is recommended you always create your own custom sets to achieve more flexibility.

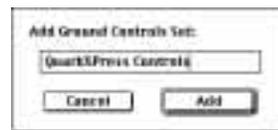
Ground Controls Sets

FlightCheck Collect! Tip:



In order to save to a Ground Controls file you first have to create a new set.

You can create your own customized sets of Ground Controls by selecting “**New Set...**” from the pop-up menu and entering a name.



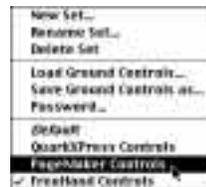
The currently selected set will have a check-mark next to its name on the menu.

Selecting a Set

FlightCheck Collect! Tip:



You can undo any changes made to the current set by simply reselecting it from the menu.



To activate a particular set, simply select it from the menu. FlightCheck Collect! will then re-examine the document and report its findings based upon the new settings.

Rename Set

Select this item in order to change the name of the current Ground Controls set.

Delete Set

Select this item in order to remove the current set. Note that if you delete the “Default” set, FlightCheck Collect! will revert to its standard built-in settings.

Ground Controls Files

Ground Controls files are a saved group of Ground Controls sets. These files can be given to your Service Bureau in order to communicate to them the particular preferences which were used to check the job.

Loading Ground Controls

Use this item to locate and load a previously saved Ground Controls file.

Saving Ground Controls

Select this item (which will only be active when a non-Default set is currently selected) to save the current group of Ground Controls sets to a file.

Ground Controls Password

Select this item to set or change the password for the currently loaded Ground Controls file. The password controls access to the controls lock, as well as the rename and delete commands. Note that a password applies to all sets of the current Ground Controls, not just the current set.

Printing Ground Controls

Simply select “**Print Ground Controls...**” from the FlightCheck® menu.

Ground Controls Window Title

Click the Ground Controls window’s title while holding down the control key to toggle showing the actual name of the current set.



The Ground Controls set name will likewise be appended to the Main window if it has also been set (control-click) for displaying the full titles.

Application-Specific Ground Controls

FlightCheck Collect! Tip:



Choose "No Auto-Controls" to deselect the set from automatically being used.

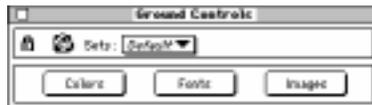
You can select which Ground Controls set to use whenever you open a specific file type. The proper way to do this is by first creating a new set and then saving the Ground Controls to a file. Then, open a document and select "**Set Application Controls...**" from the FlightCheck® menu, or click on the gray application button on the Ground Controls window.



Next, select the application's button.

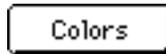


When an application specific set has been chosen, the application's icon will then appear on the Ground Controls window.



Thereafter, whenever you open a document created by this application, the designated Ground Controls set will be automatically employed to perform the checking, thus eliminating the need to manual switch Ground Control sets whenever you are checking various types of documents.

Color Controls



The Colors category offers you additional ways to ensure that the colors used in your documents and its placed images are desirable.

Usage Controls



Check the **Non-CMYK/Pantone®** box for FlightCheck Collect! to alert you when the color model for any color is neither CMYK nor a Pantone. You will probably want to avoid colors which have been defined using some other model, such as RGB, or colors which do not have corresponding inks available.

Check the **Bitmap Frames** box to be alerted when any box is using a custom Bitmap Frame or Border. Bitmap frames and borders usually print at low quality and should instead be created using actual PostScript commands or by using an EPSF image.

Check the **Mismatched Colors** box to be alerted when the CMYK values of a color referenced in an EPSF image do not match the CMYK values of a similarly named color specified within the document or application's color palette.

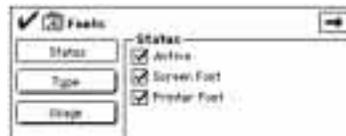
Check the **Hairlines** box to be alerted when hairlines (frames, lines or paragraph rules) are being used in the document. FlightCheck Collect! defines a hairline as any linewidth less than .25 of one point.

Font Controls



The Fonts category offers you a way to ensure that the fonts used in your document are desirable, and is divided into Status, Type and Usage controls.

Status Controls

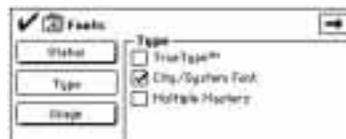


Check the **Active** box for FlightCheck Collect! to alert you when any font the document is using is not currently active in your System.

Check the **Screen Font** box to be alerted when any Screen Font the document is using cannot be located, meaning the font is neither active in the System nor can FlightCheck Collect! find the named font in the Fonts Database.

Check the **Printer Font** box for FlightCheck Collect! to alert you when any Printer Font file cannot be located. A missing printer font file will always force the printer to substitute the font with some default font (usually Courier). Note that not all fonts require a companion printer font file and some fonts (such as TrueType®) have built-in printer instructions on how to draw the characters.

Type Controls



Check the **TrueType™** box for FlightCheck Collect! to alert you when any font is of the type TrueType. Some output devices are incapable of handling TrueType fonts, and furthermore it is

a generally accepted fact that mixing fonts on a page (using Type 1 and TrueType) can cause some unexpected output problems.

Check the **City/System Font** box for FlightCheck Collect! to alert you when any font has a name that is associated with a city, such as Chicago, Geneva, Monaco, Charcoal, etc. The reason for this is that most “city” or System fonts are usually merely bitmap fonts and always print at a fairly low quality, thus they should be avoided.

Check the **Multiple Masters** box for FlightCheck Collect! to alert you when any font is of the type Multiple Masters.

Usage Controls



Check the **Menu Styled** box for FlightCheck Collect! to alert you when any font has been stylized via the application's Style menu and the font contains no equivalent built-in style. This problem exists rather frequently. For example, if you select some text and choose "Bold" from the Style menu, but the font itself is incapable of printing in boldface, then even though the text appears bold on the screen, it will be printed as plain text on paper. Additionally, if the font can indeed support the style, its companion printer font file must also exist in order to achieve the desired style during printing. Therefore, FlightCheck Collect! will warn you if either the font cannot support the style, or the printer font cannot be found.

Image Controls



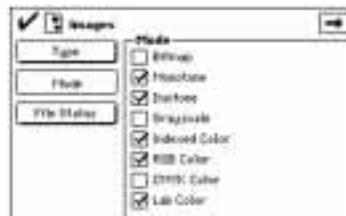
The Images category offers you a way to ensure that the images placed in your document are desirable and can be acceptably printed, and is divided into Type, Mode and File Status.

Type Controls



Check the desired picture **Type** boxes for FlightCheck Collect! to alert you when any image is of that type. For example, if you do not want to use any JPEG encoded images, then you should check the JPEG box. The item “Other” represents any other image type which is not listed.

Mode Controls



Check the desired picture **Mode** boxes for which you want to be alerted. For example, if you do not want any RGB images, then check the RGB box.

File Status Controls



Check the **Missing** box for FlightCheck Collect! to alert you when any image file is missing. This obvious problem often results in the application sending the low-resolution preview of the image to the printer if the original source file containing the high-resolution data cannot be located.

Check the **Modified** box to be alerted when any image file's last modified date does not match the date of the link data saved within the document.

Check the **Stored** box for FlightCheck Collect! to alert you when an image is embedded within your document file. In the case of a PageMaker document or an EPSF image which contains an image, the embedded image clearly aids in guaranteeing the document can be printed, seeing how the image cannot possibly be considered “missing”. However, new problems could arise if for some reason the Service Bureau needs to edit the image, they may have a difficult time extracting the image out of the document file.

Check the **Not Included** box in order to have FlightCheck Collect! alert you when an EPSF file contains only a pathname reference to another image. For example, while inside an application such as Illustrator you can place an image and when saving the document as an EPSF you can elect to “not include” the placed image. This is acceptable for Illustrator, but if you then place the EPSF on a QuarkXPress document page, you will not be able to print the image because the printing device will know nothing about the file system or how to locate the additional image.

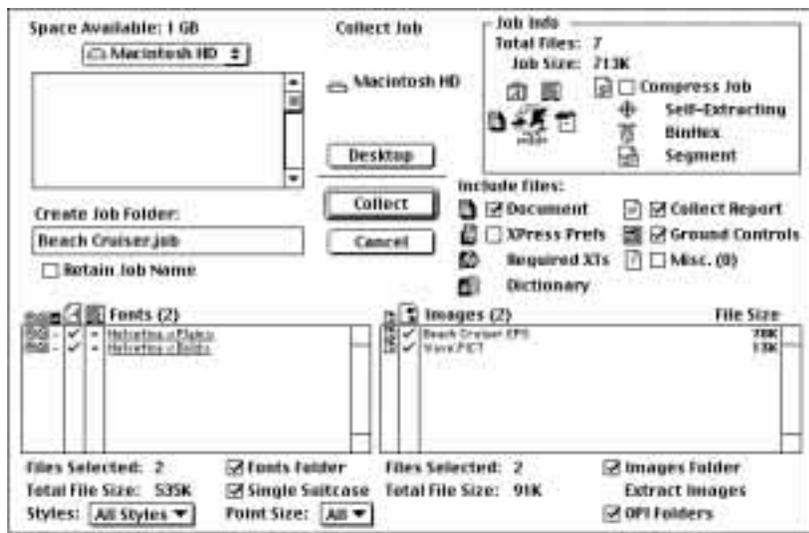
Check the **Nested** box for FlightCheck Collect! to alert you when an EPSF image contains another image. Similar to the “stored” function, this is not always considered a real problem, other than it is sometimes impossible to be able to extract and edit the embedded image, but the potential problems do in fact exist. This is compounded by the fact that when an image within an image gets into multiple layers (called “plys”), processing time increases, and in extreme cases can cause the output device to bog down or run out of memory (similar to problems encountered when “grouping” too many objects).

Collecting the Job

Collect Job

“Collecting” means to gather up all of the files related to a particular job, including the font files, images and the document file itself, and copying these files into a single job folder. FlightCheck Collect! allows you to collect all elements in a job to prepare the job for output or further production work.

Select “**Collect Job...**” from the Collect menu, or press command+J, and the Collect Job window will appear.



Collecting Fonts

FlightCheck Collect! Tip:



To select or deselect all fonts, click on the  icon or  icon column header.

The fonts list at the bottom left side of the window will show the status of each font (which will be the same as the icons displayed on the Main window).

To set a font to be collected, click in the  screen font column and a checkmark will denote the font has been chosen.

To select the printer font file, click in the  printer font column.

Note that a red font name will indicate the font file is missing.

Styles Menu / Point Size Menu

You can select either “**All Styles**” from the Styles pop-up menu to include the styles found within the font, or “**Used Styles**” to collect just the specific styles used within the text of the document.

You can similarly select “**All**” from the Point Size pop-up menu to include sizes of the font, or you can choose a single size of 9, 10 or 12. Selecting the Used Style and single point size can often reduce the size of the final collected job. However, always check with your Service Bureau to learn exactly how they would like to accept your font files.

Fonts Folder

If you wish to collect the fonts into a separate fonts folder, select the **Fonts Folder** checkbox.

Single Suitcase

If you wish to merge all fonts into a single suitcase file, check the **Single Suitcase** box. The resulting suitcase file will be conveniently entitled “documentname.fonts”.

Collecting Images

FlightCheck Collect! Tip:

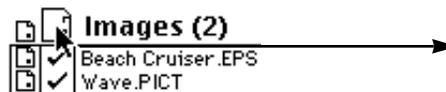
 To select or deselect all images, click on the  image icon column header.

The images list at the bottom right side of the window will show the status of each image. To set an image to be collected, click in the  image column and a checkmark will denote the image has been chosen. Note that a red image name indicates the file is missing.

Selecting Image Types

You can conveniently deselect all images by single-clicking the  image column header icon. Clicking the icon a second time will reselect all images.

You can also obtain additional selective control by holding down the mouse button on the image column header icon in which case a pop-up menu will appear allowing you to choose the specific types of images you would like to collect.



Note that an underlined image type on the pop-up menu indicates the particular image type is in fact used within the document.



Full Image Pathnames

Click on the Images column header “Name” in order to display the list of images using their full pathnames.

Images Folder

If you wish to collect the images into a separate images folder, select the **Images Folder** checkbox. However, you should be warned that when you later open the document within its application then the “links” to the images will have become broken, in which case you will need to update their locations from this folder.

Collecting Ground Controls

Select the **Ground Controls** checkbox in order to include the current Ground Controls file with your job. Note that the resulting file will have its password removed, and each set will be conveniently locked (although sets can be easily unlocked). The reason for this is so that you can safely pass along your Ground Controls file to a print shop or Service Bureau without having to give them your secret password.

Include Files

You may want to include additional files related to your document by checking the desired items in the Include Files area of the Collect window. You should, of course, select at least the Document checkbox to include the actual document file in the collected job. For QuarkXPress documents, you may want to check the XPress Prefs, Required XTensions box (when enabled) and Dictionary boxes to include them in your collected job.

Misc. Files

Check the Misc. Files box in order to collect any additional files you would like to include. A window allowing you to locate and create a list of extra files will then be offered when the collection process begins.

Job Information

At the top right on the Collect window is the Job Info, including the total number of files selected and the estimated accumulated file size of the job (before compression) which you can then compare to the Space Available value over at the top left side of the window (a red value will indicate insufficient disk space).

Compress Job

Check the **Compress Job** and **Self-Extracting** boxes as desired in order to compress all of the files of the job into a single compacted file. You may also choose to save the job as **BinHex** or to **Segment** to multiple disks.

Retain Job Name

FlightCheck Collect! Tip:

 If you deselect Retain Job Name, you can recover the original name by rechecking the box, then control-clicking the box.

Select the **Retain Job Name** checkbox in order to save the current title for the job. This allows you to merge multiple jobs into this same job folder during subsequent collections.

Creating a Job Folder



When all of the selections for your job have been made, type in a name for the job folder, locate the desired destination on your drive, then click the **Collect** button. If a folder already exists for the job, you will be prompted in order to continue with the collection.

Select the **Use existing folder** button to merge the current job into the folder or use the **Auto-rename new folder** button to create a new folder.

Final Job Folder

FlightCheck Collect! Tip:

 If you do not see the folder's special job status icon, you may need to rebuild your desktop by re-booting and holding down the command and option keys.

The resulting job folder will display a special FlightCheck Collect! seal of approval icon if the collection has passed inspection, or a failure icon if there was some problem with collecting the entire job.



Pass Folder



Fail Folder

Collect Report

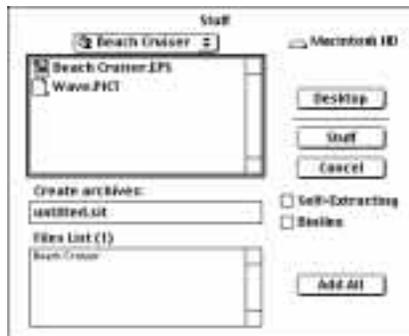
To create a text report of all the elements comprising the job, select “**Collect Report...**” from the Collect menu. Similar to the Collect for Output Report within QuarkXPress, the resulting text file can then be placed within a word processor or editor.



You can choose to include in your report information regarding specific categories of elements by checking the appropriate boxes. Navigate to the location where you want to save the file, enter a title for the Report, then click the **Save** button.

Stuff / Unstuff

You can also compress files by selecting “**Stuff...**” from the Collect menu. Select a file and click the **Add** button to add the file to the Files List. To



remove a file, select it on the Files List and click the **Remove** button.

You can choose to make the resulting compressed file **Self-Extracting**, or a **BinHex** file (suitable for e-mailing), by selecting the appropriate checkboxes.

To decompress a previously stuffed file, select “**Unstuff...**” from the Collect menu.

Segment / Join

To individually compress large files you can select “**Segment...**” from the Collect menu. Choose the type of disk (or enter a default disk size) from the **Size of Segments** pop-up menu, locate the archive, then press the **Segment** button and follow the directions for inserting disks.

To join a previously segmented file, select “**Join...**” from the Collect menu, locate the archives and follow the directions for inserting the disks.

FlightScript™

FlightCheck Collect! provides several scripting functions which you can access via AppleScript®. While the subject of scripting itself is beyond the scope of this manual, the examples given below can be used to build your scripts:

Scripting Functions

The list of possible scripting commands are as follows:

<u>COMMAND</u>	<u>RESULT</u>
flightcheck “file name”	FlightCheck named file
get color list	returns a list of colors
get font list	returns a list of fonts
get image list	returns a list of images by full pathname
get image names list	returns a list of images
load “controls name”	loads named Ground Controls file
select set “set name”	selects named Ground Controls set
get ground controls title	returns name of Ground Controls
do full flightcheck	recheck file
get flightcheck results	returns the list of results
print results	prints the results
show specific items	opens specific items
show general items	closes specific items
print report	prints a FlightCheck report
save report	saves a FlightCheck report
save report “report name”	saves a FlightCheck report to file name
collect report	saves a collect report
collect report “report name”	save a collect report to file name
collect job	collects the job
collect job “job name”	collects job to folder name
get document title	returns document name
get application info	returns application info
get file info	returns file info

get page info	returns page info
get page setup info	returns page setup info
get printer info	returns printer info
get trap info	returns trap info

Scripting a Workflow

You can use the following list of AppleScript commands which you can send to FlightCheck Collect! in order to create a workflow that can automatically check documents and obtain the results.

Note that lines beginning with “-” dashes are commented out. Simply remove the dashes at your discretion before running the script:

```
tell application “FlightCheck Collect!”
    -activate
    with timeout of 120 seconds    --IN CASE OF LARGE FILE
    --flightcheck “my drive:my folder:my document file”
    --end timeout
        -GET A FILE VIA AN OPEN DIALOG:
            -set theFile to choose file
            -flightcheck theFile
        -load “my drive:my folder:my ground controls file”
        -select set “my set”
        -do full flightcheck
        -get flightcheck results
        -print report
        -save report
        -save report “my report”
        -collect report
        -collect report “my report”
        -collect job
        -collect job “my job”
    -quit application “FlightCheck Collect!” saving no
end tell
```