

PreFlight

Featuring Markzware FlightCheck

Introduction

- What is preflight?
- When should you preflight?
- Who is responsible for preflighting?
- Who is responsible for errors?

Top Preflighting problems

- Missing fonts
 - Including partial fonts
- Missing graphics
- Graphics in wrong file format
- Incorrect color mode for colors and/or graphics
 - Including RGB colors/graphics and spot colors
- Graphics at too high or too low resolution
- Incorrect document size and/or bleed
- No proof supplied for visual comparison
- Incorrect or improper trapping

Pre-planning

- Checking page size
 - Flat size vs. folded
- Checking for bleed in layout and during printing
- Checking for correct live area

Fonts*

- Learning font types
 - TrueType, PostScript, Multiple Master, OpenType
 - Types of files required for each format
- Dealing with missing/unused fonts
- Font management options
- Font menu vs. font styles
- Screen font and font metrics versions (text reflow issues)
 - *Note: A separate class is available for Font Management*

Graphics

- Dealing with missing or modified graphics
- About color modes
 - CMYK workflow vs. RGB workflow
- Resolution requirements
 - Line Art (aka Bitmap mode or black-and-white art)
 - Grayscale and color

File formats

- Best formats for printing

 - TIFF, EPS, and PDF

 - Font embedding for EPS and PDF

- Other formats and issues

- OPI and desktop FPO issues

- Ink Density issues

- Flatness issues for vector art

Color

- Process color vs. spot color

- Using spot-color guides for process color

- Spot color and screen angles

- Combining multiple spot colors into single color

- Ink Density issues

Trapping

- What is trapping and why do you need it?

- Types of trapping

 - User-applied trapping

 - Application trapping

 - Prepress software and in-RIP trapping

Cross-platform issues

- Fonts

- Graphics previews

Corruption issues

- Corrupt fonts

- Corrupt graphics

- Corrupt page-layout files

Collecting files for output

- Using the application's preflight and package functions

- Using Preflight software

 - Benefits of preflight software vs. application preflight

- Markzware software

 - FlightCheck

 - FlightCheck Collect

 - Markzware Scout

- FlightCheck

 - Supported programs

 - Creating custom Ground Controls

 - Assigning a Font Database

 - Using FlightCheck

 - Correcting problems in native files

 - Collecting files (single & multiple documents)

 - Printing reports