

**ATTACHMENT 0006**  
**Graphic Files and CAD Models**

**Illustration Requirements:**

Line art preferred color mode: CMYK (One color, black = 0% C – 0% M – 0% Y – 100% K)

Photograph preferred color mode: grayscale, Minimum resolution of 300 dots per inch (DPI).

Embed all Images.

**Master Art Files:**

Fully editable and layered Adobe Illustrator (.AI), Encapsulated PostScript File (.EPS), Portable Document Format File (.PDF), Adobe Photoshop Document (.PSD).

Computer-Aided-Design (CAD) Type, SolidWorks File types:

Preferred SolidWorks Assembly (.SLDASM) and Parasolid (.x\_t) file types. Alternative CAD model file types include Step 3D model (STEP). Comprehensive and accurate Computer-Aided Design (CAD) models in SolidWorks or ProEngineer format for the generation and inclusion of line drawings (e.g., exploded views) in Army Technical Manuals by the US Government. These 3D models shall include all spare/repair parts.

**Final Art Files:**

Photoshop Adobe Illustrator (.AI), Computer Graphics Metafile (.CGM), Drawing Exchange Format File (.DXF), Encapsulated PostScript File (.EPS), IGES Drawing File (.IGS), JPEG Image (.JPG), Portable Network Graphic (.PNG), Adobe Photoshop Document (.PSD), SolidWorks Assembly (.SLDASM), Step 3D Model (.STEP), Tagged Image File (.TIF) or Parasolid (.x\_t) .

**Different Illustration Type:**

Line Drawings:

- Exploded Views
- Locator Views
- Detailed Views

Photographs:

- Sharp, good contrast, and detailed
- Free of heavy shadows, distorted objects, cluttered foregrounds and backgrounds
- Engineering drawings

Diagrams Charts and Graphs:

- Block, Schematic, Pictorial, Cutaway Diagrams
- Wiring Diagrams / Wire Lists
- Cable, Piping Diagrams

Test Setup Diagrams:

- Only uncommon or unusual uses and connections for test purposes shall be illustrated

Tools and Test Equipment Illustrations