Only modify one transfer function at a time
Unclick the others

Note: On start-up all transfer functions are set to 1.0 across the entire interval.

To start: Select the Alpha transfer function and use the curve editor to explore the volume in grey level (all color transfer function are set to 1.0 across all densities). Draw the desired curve with the left mouse button down.

Painting: If you want to paint the volume/surface in a certain color, such as red, you need to first set the others, such as blue and green, to 0.0. Then you would use the mouse to modify the curve in the transfer function window. Also be sure to unclick the Alpha button as well to keep the opacity transfer function you drew before.
Alpha set to a step at a low density. Green transfer function is set to 1.0 at this low density range.
Alpha set to step at a high density. Red transfer function is set to 1.0 at this high density range.
Low Alpha hump just at the engine surface density brings out a sharp surface (painted green)

Engine interior drawn at full Alpha in red
Saving Images

• Screen grab the whole window just like the images on the previous slides
• You can use Irfanview to do this easily (and much more)
• https://www.irfanview.com/