

Chapter Thirteen

flight into known icing, one metering pump is provided. For systems certified for flight into known icing, two pumps are installed for redundancy. The pumps are individually selectable.

As far as the pilot is concerned, when entering icing conditions you just turn the system on. It serves as both a de-icing and an anti-icing system. The TKS anti-icing/de-icing fluid prevents ice buildup, forms a protective film on ice-free surfaces, and chemically breaks the bond of accumulated ice without harming the aircraft's paint or other surfaces.