



## ***2009 ARMY RESEARCH AND DEVELOPMENT ACHIEVEMENT AWARD***

### **High-Pressure Jet Propellant 8 (JP-8) Evaporation and Combustion Variances in Comparison to Diesel Fuel Number 2 Project**

TARDEC Mechanical Engineer Laura Decker, TARDEC Senior Research Engineer Dr. Pete Schihl, TARDEC Engineer Michael Radic and their team developed the first explicit comparison between modern JP-8 and diesel fuel. These studies led to a first-of-its-kind JP-8 ignition database and a methodology for estimating JP-8 evaporation rates.