



## ***2009 ARMY RESEARCH AND DEVELOPMENT ACHIEVEMENT (RDA) AWARD FOR OUTSTANDING TECHNICAL ACHIEVEMENT***

### **Thrown Object Protection System (TOPS) Kit**

The TARDEC Product Development Business Group was awarded a 2009 RDA for developing the TOPS kit. TOPS kits disrupt thrown-object attacks and preventing them from exploding where they cause the most damage to a vehicle and its occupants. The TOPS kit is a U.S. Army Research Laboratory (ARL) and U.S. Army Research, Development and Engineering Command (RDECOM) collaboration for MRAP vehicles and M1151 High Mobility Multipurpose Wheeled Vehicles (HMMWVs), and originated from a May 2009 Joint Urgent Operational Needs Statement. RDECOM, Joint Program Officer MRAP and the Rapid Equipping Force brought the capability from laboratory to vehicle integration in two months.