

PURPOSE OF EXPERIMENTATION / U.S. GOVERNMENT CONTRACT

Lockheed Martin Corporation ("Lockheed Martin") hereby requests experimental authority in fulfillment of a U.S. Government contract between Lockheed Martin and the U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC) (Contract 69-201519, Task Order 05, CA Document TM-CAD-2017-000006-0) during the integration, test, and demonstration of the Autonomous Appliqué System (AMAS) installed on military transport vehicles.

This effort will require integration events in Grand Prairie, TX, Littleton, CO, Fort Carson, CO and Camp Grayling, MI. In addition to the equipment identified on the accompanying Form 442, additional equipment – all authorized under Part 15 of the Commission's rules – will be integrated into the technology suite.

The AMAS effort involves installing an autonomous system that includes the use of commercial off-the-shelf radars for vehicle active safety purposes such as safe lane departure and the prevention of rear-end collisions. This effort also requires that vehicles relay location and status information between the units via radio frequency signals.