

## DESCRIPTION OF EXPERIMENTATION

Lockheed Martin Corporation ("Lockheed Martin") hereby seeks experimental authority to conduct testing in support of a U.S. Government contract (No. W15QKN-14-9-1001), to develop the Cross Domain Army Tactical Missile System (CD ATACMS). Specifically, Lockheed Martin will use this authority to develop prototypes for demonstration of additional terminal guidance capabilities to engage expanded target sets at long ranges.

Lockheed Martin intends to develop the technology at multiple locations, including two of its own Missile & Fire Control facilities (Grand Prairie, TX and Orlando, FL). Additional testing and demonstration has been ordered for Redstone Arsenal and at and around Lockheed Martin's Goodyear, AZ.

All testing at Grand Prairie, Orlando, and Redstone will be conducted indoors or from within other enclosures. Only testing at Goodyear will be conducted in open air. In all cases, transmissions will be sent from a testing unit (either static or moving captively) to ground receivers and are thus one-way communications.