

## DESCRIPTION OF OPERATIONS

Lockheed Martin Corporation ("Lockheed Martin") hereby seeks experimental authority to permit it to test an internal developmental technology. The current effort supports the development and testing of a new small form factor RADAR system for detection and tracking of small airborne targets as well as stationary and moving ground targets. The RADAR system includes antenna, transceiver, and signal processing electronics.

Lockheed Martin will conduct the tests from its Orlando facility. The RADAR will be mounted on a 3-meter tripod and collect RF signature data against simulated airborne and ground targets. This area of operations is shielded by numerous buildings in the vicinity at the facility, so that these operations pose no risk of air hazard.