

Area of Operation Description	Latitude N	Longitude W
LME & M Sand Lake Road Facility and a 7 MIRA	28-26-44	81-27-09
LME & M Eastern Test Site and a 10 MIRA	28-23-00	81-05-30
Kissimmee Florida Airport and a 5 MIRA	28-28-00	81-26-00
Orlando Executive Airport and a 5 MIRA	28-33-00	81-20-00
Sanford Florida Airport and a 10 MIRA	28-47-00	81-13-00
Avon Park Range in Florida - Entirety		
Eglin Air Force Base - Entirety		
Nellis Air Force Base - Entirety		
White Sands Missile Range - Entirety		
Holloman Air Force Base - Entirety		
Edwards Air Force Base - Entirety		
China Lake - Entirety		
Point Mugu - Entirety		
Fort Wauchuka - Entirety		
Syracuse NY Airport and a 5 MIRA	43-07-00	76-07-00
LM Ocean, Radar & Sensor Systems Antenna Development & Test Site and a 10 MIRA	42-55-59	75-54-01
Crestview Florida Airport and a 10 MIRA	30-47-00	86-31-00
Patrick Air Force Base - Entirety		

Exhibit 2

An Advanced Air Defense System is being designed, built and tested by Lockheed Martin Electronics & Missiles on Independent Research and Development Funding. The system capabilities are applicable to both US and NATO future defense requirements.

Specifically the hardware discussed here in is a prototype active RF missile sensor operating within the KU band. Its major components are the antenna, transceiver, inertial measurement unit and the RF signal processor. The power and waveform details are provided as requested elsewhere in this form.

The objectives to be accomplished under this program include system performance characterization and demonstration of the sensor's capabilities against several different advanced airborne threats. This will be accomplished through an extensive test program conducted at several locations within the United States. The prototype sensor will have two primary test configurations; a) ground based, b) airborne. Ground based testing will be accomplished by locating the prototype sensor within or on the roof of several different structures for temporary baseline testing and system characterization. The antenna will never exceed 6 meters above the structure. Airborne testing will be accomplished by installing the prototype sensor in a captive carry aircraft such as a Saberliner Model 60. In this configuration, captive flight missions will be performed at altitudes up to 35000 feet above mean sea level against several airborne and ground threats to assess system performance.

This program represents the next major advancement in the development of Airborne Defense Systems.