

## **Exhibit A**

### **Program Description**

The MEADS (Medium Extended Air Defense System) will be deployed in 2012. The MEADS system consists of several radars that will control the PAC-3 (Patriot successor) system. Although the system deploys in 2012, the current design phase of the program is dependent on the completion of antenna testing, which will determine the feasibility of using a particular antenna element design. This phase of the program cannot proceed without the results of this testing.

#### *Purpose:*

This request is being made to facilitate the pattern testing of antennas for use in the various in the UHF band. Testing will typically occur between the hours of 6 AM and 8 PM Monday through Friday. All antennas under test (AUT) will be tested as receive antennas allowing the use of a single log-periodic dipole array (LPDA) antenna as the sole transmitting antenna for pattern testing.

#### *Location:*

All testing will be performed at our Cazenovia test site on the 40 foot outdoor range at 1315 feet of elevation, about 40 feet below the ridge peak directly in line with the antenna transmission path. The transmitting antenna bore sight will be pointing approximately due west.