

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY
(LOCATION INFORMATION)**

Operations will be conducted exclusively on Lockheed Martin Corporation property - the Electronic Test Site (ETS) in Orlando, FL. The antenna is being mounted at 25 meters on a mast and will be positioned to down-tilt exclusively.

The antenna orientation details follow:

- (a) Width of beam in degrees at the half power point: 30**
- (b) Orientation in horizontal plane (degrees from True North): -60**
- (c) Orientation in vertical plane (degrees from horizontal): -150**

The antenna placement details follow:

- (a) Overall height above ground to tip of antenna in meters: 25 meters**
- (b) Elevation of ground at antenna site above mean sea level in meters: 30 meters**
- (c) Distance to nearest aircraft landing area in kilometers: Orlando Int. Airport (KMCO), 23.69 km**
- (d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft:**
 - 1. Numerous trees and buildings between the transmitting locations and KMCO.
 - 2. Highways, Interstates and concrete highway overpasses
 - 3. Housing sub-divisions and multi-story houses and apartment complexes
 - 4. Citrus Ranch and Deseret Cattle Farm
 - 5. Many natural formations and man-made structures provide adequate attenuation