

## EXHIBITS FROM RINCON RESEARCH CORP.

### ANTENNA REGISTRATION: QUESTION 4: Directional Antenna Information

As an experimental program, we anticipate different antennas for different experimental purposes. In our filing, we have defined two likely fixed tower locations with a maximum height of 35 meters. The concept is to mount different antennas on these towers as required for testing.

For testing of antennas the maximum size might range from 15 dBi yagi antennas for VHF/UHF and dishes to 2 meters in diameter for microwave frequencies. For most other testing the directive antennas on these towers are envisioned to form 120 degree azimuth, 60 degree elevation beams facing inward onto the vacant land.

A screen shot from Google Earth is submitted in response to Antenna Registration: Question 5: FAA Antenna Sketch. The primary experimentation area (vacant land) of the total 100 acres is outlined and labeled Mathews 40 acres and Mathews House on 20 acres.

The location of the primary fixed antenna would be near the mark "Mathews House on 20 acres". Directive antennas at this location would point north for most experiments. The potential location of another fixed antenna is at the mark "Parker's @ Cloud Rd." Directive antennas there would be pointed in a southerly direction.

Both antenna locations are in a locally low area produced by erosion from Sabino Creek.