

November 09, 2011

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1. The Boeing Company requires use of a GPS landing system in Charleston, SC in support of the 787 engineering flight testing. The portable equipment will be used for a short time until a permanent station can be constructed. This usage is similar to those already approved under FCC Call Sign WQID488.

2. The technical data is provided below. Table 1 lists the Latitude/Longitude and ground elevation data for both of the requested locations.

- **Required Dates of use – Dec 01, 2011 through May 01, 2012.**

- Locations – See Table 1 below. Location #1 is the future permanent location, and location #2 is the temporary one.

- Purpose – Support 787 engineering flight testing

- Transmitter –TELERAD EM9009, FCC Part 87 Type Certification ID VR4-EM9009.

- Frequency of Operation – 113.725 MHz, 25 KHz channel spacing. This specific frequency was coordinated with the FAA (coordination number NG T110380).

- Emission – 14K0G7D

- Maximum ERP 50 Watts

- Antenna – Model SX 212, Ground mounted omni directional, 0dBi gain.

Location	Latitude	Longitude	Elevation Meters
#1	32-53-58.9N	080-02-31.7W	11
#2	32-53-57.8N	080-02-23.1W	11

Table 1

The Stop Buzzer Point of Contact is: Tom Fisher, (206) 662-2573