

From: John Church

To: Behnam Ghaffari

Date: February 26, 2007

Subject:

FCC File No. 0237-EX-PL-2006

Message:

2 REQUESTED PARAMETERS

2.1 NGT Numbers

108.35 NG T070155

333.95 NG T070156

1030 NG T050070

1090 NG T050071

2.2 Peak Envelope Power (PEP)

• ☐ VHF input 2 W P.E.P.

• ☐ UHF input 5 W P.E.P.

2.3 Type of Antenna

• ☐ VHF is Poynting Innovations Localizer Antenna with Monitor

• ☐ UHF is Poynting Innovations Glide Slope Antenna with Monitor

• ☐ Interrogator (1030 MHz) is DBs Systems 610 DME.

• ☐ Cal/BIT (1090 MHz) is DBs Systems 610 DME.

2.4 Transmit Antenna Gain

• ☐ VHF: 4 dBi. Antenna is highly directional with beamwidths $\pm 35^\circ$ azimuth, 1° to 7° vertical.

• ☐ UHF: 7 dBi. Antenna is highly directional with beamwidths $\pm 8^\circ$ azimuth, 1° to 7° vertical.

• ☐ Interrogator (1030 MHz): 6.3 dBi. Antenna is highly directional with beamwidths $\pm 35^\circ$ azimuth, 1° to 20° vertical.

• ☐ Cal/BIT (1090 MHz) : 6.3 dBi. Antenna is highly directional with beamwidths $\pm 35^\circ$ azimuth, 1° to 20° vertical.

2.5 Site Elevation

The site is at 240 feet MSL

2.6 Antenna Height Above Ground

• ☐ VHF: 27'

• ☐ UHF: 10' 5"

• ☐ Interrogator: 4'

• ☐ Cal/BIT: 4'

2.7 Antenna Polarization

• ☐ VHF: Horizontal

• ☐ UHF: Horizontal

• ☐ Interrogator: Vertical

• ☐ Cal/ BIT: Vertical

2.8 Antenna Orientation