



24 January 2007

Federal Communication Commission
Office of Engineering and Technology
Experimental Licensing Branch
445 12th St., SW
Room 7-A322
Washington, DC 20554

Re: Request to Expedite Special Temporary Authority Application

Dear FCC Office of Engineering and Technology:

Enclosed is a FCC Special Temporary Authority Application submitted by QinetiQ, Inc. QinetiQ is installing our Automatic FOD (foreign object and debris) Radar system – Tarsier, at Providence's T. F. Green International Airport for an evaluation sponsored by the Federal Aviation Administration. The evaluation period will be for 6 months starting on the 15 February 2007 and ending the 15 of August 2007.

Tarsier is a millimeter wave radar system that detects FOD on an airports runways and taxiways. The system increases safety at an airport by identifying potential hazards to aircraft on runways and taxiways within the airport movement area. Once identified, the FOD hazard can be quickly and expeditiously removed. Tarsier operates within the 94.5GHZ frequency, at a transmit power of 100mW.

Also enclosed are copies of the completed FAA Form 7460, with a determination of "no impact" and a copy of the EMC Certificate of Test.

If you have additional questions, please feel free to contact me at 703-271-6979.

Sincerely,

Grant Decker
Manager, Aviation Business Development