

August 4, 2008

Milwaukee County
901 N. 9th Street
Milwaukee WI 53233

FEDERAL COMMUNICATIONS
COMMISSION 1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Special Equipment Program

Proposed Program

The Crash and Fire Rescue has a requirement for a GPS signal inside its facility to provide the minimum time to obtain a GPS lock in response to emergencies. When seconds are critical the delay in exiting the bays before requiring a signal are not acceptable delays.

It is a requirement to maintain GPS signals indoors in our service and maintenance bay to enable technicians to test, operate and perform maintenance on these systems while indoors in addition to the critical aspect of minimizing response time.. Our proposed set up is already in use and specified in the approved application to re-radiate GPS in the Anchorage AK International Airport.

Objectives

We seek to accomplish the following objectives:

1. Illumination of our maintenance and service bays with re-radiated GPS Signal
2. Further design, development and enhancement of existing GPS products and the possibility of new product testing
3. Ability to troubleshoot and repair all equipment and systems utilizing GPS signaling without having to relocate the equipment outdoors in view of the satellites