

Re: Form 442 Confirmation Number EL713228  
Application Narrative

Dear Sir or Madam:

Wings of Hope is applying for an experimental license to operate a GPS signal repeater. The GPS repeater system is desired to enable the installation, maintenance and adjustment of aircraft GPS systems while inside the aircraft hangar. Having reliable GPS signal strength inside the aircraft hangar will limit the need to transport aircraft outside the hangar to work with the aircraft based GPS receivers. This will contribute to an on-going energy management program currently underway. Opening of the hangar doors to relocate an aircraft effectively ventilates the entire hangar and results in a significant loss of the heated air inside the hangar.

Sincerely,

Paul Koebbe  
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