

Behnam Ghaffari

Subject: FW: FCC File No. 0497-ex-pl-2014

From: Kristine Devine [<mailto:kdevine@harriswiltshire.com>]
Sent: Monday, July 07, 2014 4:32 PM
To: Behnam Ghaffari
Cc: Laurie Sussman
Subject: RE: FCC File No. 0497-ex-pl-2014

Ben –

In response to your questions below:

Regarding nationwide use, the purpose of the experimental license is to give Rockwell Collins the frequencies needed to conduct airborne Wideband HF demonstrations and experiments. Rockwell Collins will be working with a variety of different Department of Defense agencies and aircraft types, and could be operating out of any military base in the country. In addition, the routes used for each demonstration will vary depending on the military base used for the demonstration. As an example, Rockwell Collins is currently working with Air Force Special Operations Command to conduct an airborne demonstration on an MC-130H aircraft out of Hurlburt Field, Florida. Because of aircraft availability issues, however, it may need to change that location to an Air National Guard unit in Pennsylvania. Because of these types of issues, Rockwell Collins needs the flexibility to operate from any military base in the United States, including Alaska and Hawaii.

Regarding altitude, the highest altitude for the various aircraft Rockwell Collins may be using to conduct WBHF operations would be 50,000 feet – the ceiling for the KC-135. Other aircraft Rockwell Collins is considering cannot fly that high.

Please let me know if we can provide any additional information to supplement the application.

Many thanks,
Kristine