

Submitted by Joe Thorsheim
The Boeing Company
Global Spectrum Management
P.O. Box 3707 MC: 1K-105
Seattle, WA 98124-2207
206-234-4287 Office

Why a Modification is Necessary:

This modification request is being submitted to add a new location and increase the power at all locations to the FCC experimental license Call Sign WK2XKC previously submitted under file number 0615-EX-CN-2019.

Modification Description:

We would like to add the below location to WK2XKC. All airborne operations will be conducted under 14 CFR Part 107 rules.

City	State	Latitude	Longitude	Radius (KM)	Station Type	Flight Level (ft)
Smartt Field	MO	38-56-02 N	090-25-25 W	20	Mobile Ground/Airborne	Up to 400 Feet

Table 1 – Location Data

This modification also increases the power on 5800 MHz at all locations to 388 watts while using an antenna with 29 dBi gain.