

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WE2XQE

(Call Sign)

XT MO

(Class of Station)

0010-EX-PL-2008

(File Number)

NAME THE BOEING COMPANY

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d) of the Commission's Rules

Station Locations

- (1) MOBILE: R-4501A Cannon Range, FORT LEONARD WOOD (PULASKI), MO, within 3 km, centered around NL 37-44-30; WL 92-08-27
- (2) MOBILE: Phantom RC Field, SAINT LOUIS (SAINT CHARLES), MO, within 2 km, centered around NL 38-50-29; WL 90-25-10
- (3) MOBILE: 2600 North 3rd St., SAINT LOUIS (SAINT CHARLES), MO, within 2 km, centered around NL 38-48-44; WL 90-28-22

Frequency Information

MOBILE: R-4501A Cannon Range, FORT LEONARD WOOD (PULASKI), MO, within 3 km, centered around NL 37-44-30; WL 92-08-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
219.025 MHz	MO	1K00A1D	1 mW (ERP)	
219.065 MHz	MO	1K00A1D	1 mW (ERP)	
219.105 MHz	MO	1K00A1D	1 mW (ERP)	

This authorization effective July 11, 2008 and
will expire 3:00 A.M. EST July 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: R-4501A Cannon Range, FORT LEONARD WOOD (PULASKI), MO, within 3 km, centered around NL 37-44-30;
WL 92-08-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
219.145 MHz	MO	1K00A1D	1 mW (ERP)	
902-928 MHz	MO	20M0WXX	2 W (ERP)	
2434 MHz	MO	20M0F3F	1 W (ERP)	
2473 MHz	MO	20M0F3F	1 W (ERP)	

MOBILE: Phantom RC Field, SAINT LOUIS (SAINT CHARLES), MO, within 2 km, centered around NL 38-50-29; WL 90-25-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
219.025 MHz	MO	1K00A1D	1 mW (ERP)	
219.065 MHz	MO	1K00A1D	1 mW (ERP)	
219.105 MHz	MO	1K00A1D	1 mW (ERP)	
219.145 MHz	MO	1K00A1D	1 mW (ERP)	
902-928 MHz	MO	20M0WXX	2 W (ERP)	

Frequency Information

MOBILE: Phantom RC Field, SAINT LOUIS (SAINT CHARLES), MO, within 2 km, centered around NL 38-50-29; WL 90-25-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2434 MHz	MO	20M0F3F	1 W (ERP)	
2473 MHz	MO	20M0F3F	1 W (ERP)	

MOBILE: 2600 North 3rd St., SAINT LOUIS (SAINT CHARLES), MO, within 2 km, centered around NL 38-48-44; WL 90-28-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
219.025 MHz	MO	1K00A1D	1 mW (ERP)	
219.065 MHz	MO	1K00A1D	1 mW (ERP)	
219.105 MHz	MO	1K00A1D	1 mW (ERP)	
219.145 MHz	MO	1K00A1D	1 mW (ERP)	
902-928 MHz	MO	20M0WXX	2 W (ERP)	
2434 MHz	MO	20M0F3F	1 W (ERP)	
2473 MHz	MO	20M0F3F	1 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) The licensee shall avoid interference to 802.11b/g equipment due to the power level requested for use in the 2.4 GHz band.
- (5) The 219-220 MHz band is for wildlife telemetry and no aeronautical mobile operations are permitted in this band.
- (6) Operation is subject to prior coordination with affected existing and future Fixed Microwave Service (Part 101) licensees in accordance with 47 CFR, Part 101.103(d) when using the frequencies 2434 MHz and 2473 MHz.