

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

EXPERIMENTAL

(Nature of Service)

WE2XDW

(Call Sign)

XT FX MO

(Class of Station)

0082-EX-ML-2011

(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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: From surface to 10000 feet, VANDALIA (FAYETTE), IL, within 32.2 km, centered around NL 38-59-30; WL 89-10-00
- (2) FORT LEONARD WOOD (PULASKI), MO - NL 37-44-30; WL 92-08-30; MOBILE: From surface to 10000 feet, FORT LEONARD WOOD (PULASKI), MO, within 32 km, centered around NL 37-44-30; WL 92-08-30
- (3) SAINT LOUIS (ST LOUIS), MO - NL 38-44-30; WL 90-21-30; MOBILE: Lambert-Saint Louis International Airport, SAINT LOUIS (ST LOUIS), MO, within 32 km, centered around NL 38-44-30; WL 90-21-30

Frequency Information

MOBILE: From surface to 10000 feet, VANDALIA (FAYETTE), IL, within 32.2 km, centered around NL 38-59-30; WL 89-10-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.45000000 GHz	MO	100MF9W 100MQ3W	1005.000000 W (ERP)	0.00100000 %

This authorization effective April 26, 2011 and
will expire 3:00 A.M. EST October 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

FORT LEONARD WOOD (PULASKI), MO - NL 37-44-30; WL 92-08-30; MOBILE: From surface to 10000 feet, FORT LEONA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.45000000 GHz	MO	100MF9W 100MQ3W	1005.000000 W (ERP)	0.00100000 %

SAINT LOUIS (ST LOUIS), MO - NL 38-44-30; WL 90-21-30; MOBILE: Lambert-Saint Louis International Airport, SAINT LOL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.45000000 GHz	MO	100MF9W 100MQ3W	1005.000000 W (ERP)	0.00100000 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Dan Rymarz at (314) 545-6176.