

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

EXPERIMENTAL

(Nature of Service)

WG2XLE

(Call Sign)

XT FX MO

(Class of Station)

0498-EX-PL-2012

(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) Huntington Beach (ORANGE), CA - NL 33-44-47; WL 118-02-25
- (2) MOBILE: White Sands, NM, within 12 km, centered around NL 32-37-52; WL 106-20-05
- (3) MOBILE: Ft Sill runways, Fort Sill, OK, within 20 km, centered around NL 34-38-59; WL 98-24-07

Frequency Information

Huntington Beach (ORANGE), CA - NL 33-44-47; WL 118-02-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.375 GHz	FX	300KF1D	1 W (ERP)	

MOBILE: White Sands, NM, within 12 km, centered around NL 32-37-52; WL 106-20-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.375 MHz	MO	300KF1D	5 W (ERP)	

This authorization effective September 05, 2013 and
will expire 3:00 A.M. EST September 01, 2014

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Frequency Information

MOBILE: Ft Sill runways, Fort Sill, OK, within 20 km, centered around NL 34-38-59; WL 98-24-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.375 GHz	MO	300KF1D	5 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operation is NOT PERMITTED using the frequency 337.5 MHz.
- (4) Operation is NOT PERMITTED using the frequency 1375 MHz in Albuquerque, NM.
- (5) Operation is subject to prior coordination with FAA Regional Office, as necessary to ensure compatibility with existing uses.
- (6) The designated point of contact to terminate the system if interference occurs is Douglas Chesser at 714-330-9164.