

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

EXPERIMENTAL
(Nature of Service)

WF2XTJ
(Call Sign)

XE FX MO
(Class of Station)

0144-EX-CR-2019
(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(ib) of the Commission's Rules

Station Locations

- (1) Long Beach (LOS ANGELES), CA - NL 33-49-31; WL 118-09-04; MOBILE: Long Beach, CA, within 402 km, centered around NL 33-49-31; WL 118-09-04
- (2) Oklahoma City (OKLAHOMA), OK - NL 34-24-31; WL 97-24-26; MOBILE: Oklahoma City, OK, within 402 km, centered around NL 34-24-31; WL 97-24-26

Frequency Information

Long Beach (LOS ANGELES), CA - NL 33-49-31; WL 118-09-04; MOBILE: Long Beach, CA, within 402 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30.3 MHz	MO	25K0F1D	243 W (ERP)	
31.5 MHz	MO	20K0F3E 25K0F1D	243 W (ERP)	
32.25 MHz	MO	25K0F1D	243 W (ERP)	

This authorization effective June 01, 2019 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
36.375 MHz	MO	25K0F1D	243 W (ERP)	
41.35 MHz	MO	25K0F1D	243 W (ERP)	
46.75 MHz	MO	25K0F1D	243 W (ERP)	
49 MHz	MO	20K0F3E 25K0F1D	243 W (ERP)	
49.625 MHz	MO	25K0F1D	243 W (ERP)	
80 MHz	MO	20K0F3E 25K0F1D	243 W (ERP)	
80.5 MHz	MO	25K0F1D	243 W (ERP)	
141.225 MHz	MO	10K0A3E 20K0F3E	49 W (ERP)	
150.35 MHz	MO	10K0A3E 20K0F3E	49 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
156.95 MHz	MO	20K0F3E	49 W (ERP)	
160 MHz	MO	10K0A3E 20K0F3E	49 W (ERP)	
161.55 MHz	MO	20K0F3E	49 W (ERP)	
405 MHz	MO	20K0F3E	12.1 W (ERP)	
431.75 MHz	MO	20K0F3E	12.1 W (ERP)	
437.75 MHz	MO	20K0F3E	12.1 W (ERP)	
491 MHz	MO	20K0F3E	12.1 W (ERP)	
551 MHz	MO	20K0F3E	12.1 W (ERP)	
569 MHz	MO	20K0F3E	12.1 W (ERP)	

Frequency Information

Oklahoma City (OKLAHOMA), OK - NL 34-24-31; WL 97-24-26; MOBILE: Oklahoma City, OK, within 402 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30.3 MHz	MO	25K0F1D	243 W (ERP)	
31.5 MHz	MO	20K0F3E 25K0F1D	243 W (ERP)	
32.25 MHz	MO	25K0F1D	243 W (ERP)	
36.375 MHz	MO	25K0F1D	243 W (ERP)	
41.35 MHz	MO	25K0F1D	243 W (ERP)	
46.75 MHz	MO	25K0F1D	243 W (ERP)	
49 MHz	MO	20K0F3E 25K0F1D	243 W (ERP)	
49.625 MHz	MO	25K0F1D	243 W (ERP)	
80 MHz	MO	20K0F3E 25K0F1D	243 W (ERP)	

Frequency Information

Oklahoma City (OKLAHOMA), OK - NL 34-24-31; WL 97-24-26; MOBILE: Oklahoma City, OK, within 402 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
80.5 MHz	MO	25K0F1D	243 W (ERP)	
141.225 MHz	MO	10K0A3E 20K0F3E	49 W (ERP)	
150.35 MHz	MO	10K0A3E 20K0F3E	49 W (ERP)	
156.95 MHz	MO	20K0F3E	49 W (ERP)	
160 MHz	MO	10K0A3E 20K0F3E	49 W (ERP)	
161.55 MHz	MO	20K0F3E	49 W (ERP)	
405 MHz	MO	20K0F3E	12.1 W (ERP)	
431.75 MHz	MO	20K0F3E	12.1 W (ERP)	
437.75 MHz	MO	20K0F3E	12.1 W (ERP)	

Frequency Information

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491 MHz	MO	20K0F3E	12.1 W (ERP)	
551 MHz	MO	20K0F3E	12.1 W (ERP)	
569 MHz	MO	20K0F3E	12.1 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Doug Bell at 562-824-2177.
- (5) Operation the frequency band from 230.6-362.7 MHz is NOT PERMITTED for renewal.
- (6) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy operations assignments.