

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

EXPERIMENTAL

(Nature of Service)

WG2XZQ

(Call Sign)

XD FX MO

(Class of Station)

0666-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(h) of the Commission's Rules

Station Locations

- (1) St Louis (ST CHARLES), MO - NL 38-45-03; WL 90-21-25
- (2) MOBILE: Palmdale, CA, within 1 km, centered around NL 34-37-54; WL 118-05-36

Frequency Information

St Louis (ST CHARLES), MO - NL 38-45-03; WL 90-21-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
54-72 MHz	FX	6K00A3E 3K70F1D 20K2F3E 7K00A3E 7K00F1D	18 W (ERP)	
76-87 MHz	FX	6K00A3E 3K70F1D 20K2F3E 7K00F1D 7K00A3E	18 W (ERP)	

This authorization effective January 01, 2020 and
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

St Louis (ST CHARLES), MO - NL 38-45-03; WL 90-21-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
173.2-173.4 MHz	FX	6K00A3E 7K00F1D 7K00A3E	18 W (ERP)	

MOBILE: Palmdale, CA, within 1 km, centered around NL 34-37-54; WL 118-05-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
54-72 MHz	MO	20K2F3E 3K70F1D 6K00A3E 7K00A3E 7K00F1D	18 W (ERP)	
76-87 MHz	MO	20K2F3E 3K70F1D 6K00A3E 7K00F1D 7K00A3E	18 W (ERP)	
173.2-173.4 MHz	MO	6K00A3E 7K00A3E 7K00F1D	18 W (ERP)	

Special Conditions:

- (1) 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.

Special Conditions:

- (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 the system if having interference occurs is Stephan M Boianoff at 314-234-4529 or 314-233-5478.