

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

EXPERIMENTAL

(Nature of Service)

WL2XJU

(Call Sign)

XT FX

(Class of Station)

0975-EX-CN-2020

(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) ST CHARLES (ST CHARLES), MO - NL 38-55-43; WL 90-25-23

Frequency Information

ST CHARLES (ST CHARLES), MO - NL 38-55-43; WL 90-25-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
101.9 MHz	FX	N0N	10 mW (Output Power)	
105.7 MHz	FX	N0N	10 mW (Output Power)	
105.9 MHz	FX	N0N	10 mW (Output Power)	
107.1 MHz	FX	N0N	10 mW (Output Power)	

This authorization effective January 05, 2021 and
will expire 3:00 A.M. EST January 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

ST CHARLES (ST CHARLES), MO - NL 38-55-43; WL 90-25-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
137.1-224.999 MHz	FX	N0N	10 mW (Output Power)	
400-405.999 MHz	FX	N0N	10 mW (Output Power)	
406.2-755.999 MHz	FX	N0N	10 mW (Output Power)	
768.1-787.999 MHz	FX	N0N	10 mW (Output Power)	
798.1-960 MHz	FX	N0N	10 mW (Output Power)	

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) The stop buzzer is David Zabriski at (630) 250-3814.

Special Conditions:

- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 20 miles of the contours of the testing area:
- Paging Service licensees in 152 MHz
 - Paging Service licensees in 158 MHz
 - Paging Service licensees in 152 MHz/158 MHz
 - AMTS Licensee (217-218 MHz/219-220 MHz)
 - 218-219 MHz Service licensees
 - 220-222 MHz Service licensees
 - Paging Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz
 - 700 MHz Lower Band licensees (698-746 MHz)
 - 700 MHz Upper Band licensees (746-758 MHz and 775-788 MHz)
 - SMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
 - Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Paging Service licensees in 929 MHz and 931 MHz
- (5) The Boeing Company shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in the frequency range from 941 MHz to 960 MHz.
- (6) The Boeing Company shall coordinate with Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in frequency range from 928 MHz to 960 MHz.