

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XXS

(Call Sign)

0413-EX-CR-2021

(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) MOBILE: Boeing St Charles Facilities BLDG 73-598, ST. CHARLES, MO, within 3 km, centered around NL 38-48-46; WL 90-28-18
- (2) MOBILE: St Charles County Smartt Airport, PORTAGE DES SIOUX, MO, within 50 km, centered around NL 38-56-02; WL 90-25-25
- (3) MOBILE: Vandalia, IL, within 25 km, centered around NL 38-58-03; WL 89-06-04
- (4) MOBILE: Washington, MO, within 25 km, centered around NL 38-33-04; WL 91-00-29
- (5) MOBILE: Vichy, MO, within 25 km, centered around NL 38-06-25; WL 91-45-23

Frequency Information

MOBILE: Boeing St Charles Facilities BLDG 73-598, ST. CHARLES, MO, within 3 km, centered around NL 38-48-46; WL 90-28-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17500 MHz	MO	118MG1D	243.5 W (ERP)	
17500 MHz	MO	118MG1D	38.4 W (ERP)	

This authorization effective September 01, 2021 and
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: St Charles County Smartt Airport, PORTAGE DES SIOUX, MO, within 50 km, centered around NL 38-56-02; WL 90-25-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17500 MHz	MO	118MG1D	243.5 W (ERP)	
17500 MHz	MO	118MG1D	38.4 W (ERP)	

MOBILE: Vandalia, IL, within 25 km, centered around NL 38-58-03; WL 89-06-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17500 MHz	MO	118MG1D	24.33 W (ERP)	
17500 MHz	MO	118MG1D	3.8 W (ERP)	

MOBILE: Washington, MO, within 25 km, centered around NL 38-33-04; WL 91-00-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17500 MHz	MO	118MG1D	24.33 W (ERP)	
17500 MHz	MO	118MG1D	3.8 W (ERP)	

Frequency Information

MOBILE: Vichy, MO, within 25 km, centered around NL 38-06-25; WL 91-45-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17500 MHz	MO	118MG1D	24.33 W (ERP)	
17500 MHz	MO	118MG1D	3.8 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) The designated point-of-contact to terminate the system if interference occurs is Scott W Denton at 314-705-0428.