

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

EXPERIMENTAL

(Nature of Service)

WK2XKC

(Call Sign)

XT MO

(Class of Station)

0141-EX-CM-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: MOBILE: Up to 5,000 ft. MSL flight level, White Sands Missile Range, NM, within 8 km, centered around NL 33-33-08; WL 106-40-47
- (2) MOBILE: MOBILE Up to 1,200 ft AGL flight level, Silex, MO, within 8 km, centered around NL 39-06-42; WL 91-02-42
- (3) MOBILE: MOBILE Up to 400 ft AGL flight level, Smart Field, MO, within 20 km, centered around NL 38-56-02; WL 90-25-25

Frequency Information

MOBILE: MOBILE: Up to 5,000 ft. MSL flight level, White Sands Missile Range, NM, within 8 km, centered around NL 33-33-08; WL 106-40-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	230KF1D	1 W (ERP)	
5800 MHz	MO	10M0P0N	388 W (ERP)	

This authorization effective July 14, 2021 and
will expire 3:00 A.M. EST September 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: MOBILE Up to 1,200 ft AGL flight level, Sillex, MO, within 8 km, centered around NL 39-06-42; WL 91-02-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	230KF1D	1 W (ERP)	
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MOBILE: MOBILE Up to 400 ft AGL flight level, Smart Field, MO, within 20 km, centered around NL 38-56-02; WL 90-25-25

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915 MHz	MO	230KF1D	1 W (ERP)	
5800 MHz	MO	10M0P0N	388 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) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 100 miles of the contours of the testing area:
 - Location & Monitoring Service licensees (902-928 MHz)
- (4) Prior to activation, operations must be scheduled as a WSMR Range Mission. Final authority to radiate is contingent upon successful scheduling, and deconfliction of spectrum with other regional operations.
- (5) Stop Buzzer, Hohensee (206) 724-1321.