

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

EXPERIMENTAL

(Nature of Service)

WK2XJG

(Call Sign)

XT MO

(Class of Station)

0586-EX-CN-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) MOBILE: Ground Only Locations, Nationwide, US

Frequency Information

MOBILE: Ground Only Locations, Nationwide, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16350 MHz	MO	150MQ0N	30 W (ERP)	
		150MQXN		
		300MQ0N		
		300MQXN		

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.

This authorization effective August 28, 2019 and
will expire 3:00 A.M. EST September 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Operations in New Mexico and Texas (West of 104W) must be coordinated with AFC-WSMR at least 96 hours prior to activation via e-mail at USARMY.WSMR.IMCOM-CENTRAL.LIST.DODAFRC@MAIL.MIL.
- (4) Due to the frequency being allocated for radiolocation, this experimental station shall not be used for UAS Detect and Avoid (DAA) operations.
- (5) Boeing Company must adjust the band to be 16.2 - 16.5 GHz, in order to protect Air Traffic operations.
- (6) Stop Buzzer, Boeing Spectrum Management at 206-544-6066.
- (7) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.