

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XGU

(Call Sign)

0005-EX-CM-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: 50000 ft AGL, Berkeley, MO, within 250 km, centered around NL 38-45-08;  
WL 90-21-31

Frequency Information

MOBILE: 50000 ft AGL, Berkeley, MO, within 250 km, centered around NL 38-45-08; WL 90-21-31

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2210 MHz   | MO            | 6M60F1D<br>9M80G1D  | 36 W (ERP)       | 0.002 %                   |
| 2210.5 MHz | MO            | 9M80G1D<br>6M60F1D  | 36 W (ERP)       | 0.002 %                   |
| 2230 MHz   | MO            | 6M60F1D<br>9M80G1D  | 36 W (ERP)       | 0.002 %                   |

This authorization effective April 12, 2019 and  
will expire 3:00 A.M. EST April 01, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: 50000 ft AGL, Berkeley, MO, within 250 km, centered around NL 38-45-08; WL 90-21-31

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2230.5 MHz | MO            | 9M80G1D<br>6M60F1D  | 36 W (ERP)       | 0.002 %                   |
| 2260 MHz   | MO            | 6M60F1D<br>9M80G1D  | 36 W (ERP)       | 0.002 %                   |
| 2260.5 MHz | MO            | 6M60F1D<br>9M80G1D  | 36 W (ERP)       | 0.002 %                   |
| 2280 MHz   | MO            | 6M60F1D<br>9M80G1D  | 36 W (ERP)       | 0.002 %                   |
| 2280.5 MHz | MO            | 9M80G1D<br>6M60F1D  | 36 W (ERP)       | 0.002 %                   |

## 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) During transmission, aircraft shall not exceed the altitude listed in the circuit remarks field 50000 ft. AGL.
- (4) The designated point-of-contacts to terminate transmissions if interference should occur are: David W. Huie at (314) 232-2145; Samuel M. Platt at (314) 777-7969; (or) Bradford W. McMakin at (636) 734-1333.