

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

EXPERIMENTAL

(Nature of Service)

WJ2XGJ

(Call Sign)

XT MO

(Class of Station)

0667-EX-CR-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: Amarillo, TX, within 2 km, centered around NL 35-13-09; WL 101-42-21
- (2) MOBILE: Burns Flat, OK, within 2 km, centered around NL 35-20-23; WL 99-12-01
- (3) MOBILE: Cold Bay, AK, within 2 km, centered around NL 55-12-21; WL 162-43-34
- (4) MOBILE: Lincoln, NE, within 2 km, centered around NL 40-51-03; WL 96-45-32
- (5) MOBILE: Lubbock, TX, within 2 km, centered around NL 33-39-49; WL 101-49-14
- (6) MOBILE: Midland, TX, within 2 km, centered around NL 31-56-33; WL 102-12-06
- (7) MOBILE: Tulsa, OK, within 2 km, centered around NL 36-11-54; WL 95-53-17

Frequency Information

MOBILE: Amarillo, TX, within 2 km, centered around NL 35-13-09; WL 101-42-21

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.175 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

This authorization effective January 05, 2020 and  
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Burns Flat, OK, within 2 km, centered around NL 35-20-23; WL 99-12-01

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.375 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

MOBILE: Cold Bay, AK, within 2 km, centered around NL 55-12-21; WL 162-43-34

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.525 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

MOBILE: Lincoln, NE, within 2 km, centered around NL 40-51-03; WL 96-45-32

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.525 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

MOBILE: Lubbock, TX, within 2 km, centered around NL 33-39-49; WL 101-49-14

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.075 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

## Frequency Information

MOBILE: Midland, TX, within 2 km, centered around NL 31-56-33; WL 102-12-06

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.325 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

MOBILE: Tulsa, OK, within 2 km, centered around NL 36-11-54; WL 95-53-17

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 112.475 MHz | MO            | 14K0G7D             | 50 W (ERP)       |                           |

## Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The designated point-of-contact to terminate the systems if interference occurs is Tom Fisher at 206-662-2573.