

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

EXPERIMENTAL

(Nature of Service)

XT      FX MO

(Class of Station)

WI2XRT

(Call Sign)

0084-EX-CM-2017

(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) White Sands (OTERO), NM - NL 33-17-55; WL 106-31-56; MOBILE: White Sands Missile Range - Salinas Peak, 25000FT MSL, White Sands, NM, within 100 km, centered around NL 33-17-55; WL 106-31-56

Frequency Information

White Sands (OTERO), NM - NL 33-17-55; WL 106-31-56; MOBILE: White Sands Missile Range - Salinas Peak, 25000FT M:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2360-2395 MHz | MO            |                     | 2.43325 W (ERP)  |                           |
|               |               | 495KG1D             |                  |                           |
|               |               | 989KG1D             |                  |                           |
|               |               | 1M98G1D             |                  |                           |
|               |               | 3M96G1D             |                  |                           |
|               |               | 8M16G1D             |                  |                           |
|               |               | 9M66G1D             |                  |                           |
|               |               | 15M8G1D             |                  |                           |
|               |               | 19M3G1D             |                  |                           |
|               |               | 2M97G1D             |                  |                           |
|               |               | 6M12G1D             |                  |                           |
|               |               | 7M25G1D             |                  |                           |
|               |               | 11M9G1D             |                  |                           |
|               |               | 14M5G1D             |                  |                           |

This authorization effective March 27, 2017 and  
will expire 3:00 A.M. EST January 10, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

White Sands (OTERO), NM - NL 33-17-55; WL 106-31-56; MOBILE: White Sands Missile Range - Salinas Peak, 25000FT M:

| Frequency     | Station Class | Emission Designator                                                                                                                                               | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------|
| 2360-2395 MHz | MO            | 23M2G1D<br>32M4G1D                                                                                                                                                | 2.43325 W (ERP)  |                           |
| 4400-4940 MHz | MO            | 495KG1D<br>989KG1D<br>1M98G1D<br>3M96G1D<br>8M16G1D<br>9M66G1D<br>15M8G1D<br>19M3G1D<br>2M97G1D<br>6M12G1D<br>7M25G1D<br>11M9G1D<br>14M5G1D<br>23M2G1D<br>32M4G1D | 24.33247 W (ERP) |                           |

## 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.
- (3) Operations must be scheduled as a WSMR Range mission, through the appropriate WSMR Range sponsor prior to operations. Final authorization to radiate shall be contingent upon successful scheduling and de-confliction of spectrum with other area-wide operations.
- (4) Use of this frequency or band under the authority of this assign is subject to further coordination with the AFC, WSMR, New Mexico, as necessary to ensure compatibility with the existing uses.
- (5) Stop Buzzers, Lester Houston III 314-234-0621/314-443-8665 and James Belt 314-777-9113/314-614-5091.