

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

EXPERIMENTAL

(Nature of Service)

WG2XZZ

(Call Sign)

XT MO

(Class of Station)

0019-EX-PL-2014

(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: Flightline and Hangar operations, San Antonio, TX, within 2 km, centered around NL 29-22-23; WL 98-34-13

Frequency Information

MOBILE: Flightline and Hangar operations, San Antonio, TX, within 2 km, centered around NL 29-22-23; WL 98-34-13

| Frequency        | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------------|---------------|---------------------|------------------|---------------------------|
| 3.004-3.0054 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 3.281-3.2824 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 3.443-3.4444 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 5.451-5.4524 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |

This authorization effective February 19, 2014 and  
will expire 3:00 A.M. EST March 01, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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| Frequency          | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------------|---------------|---------------------|------------------|---------------------------|
| 5.469-5.4704 MHz   | MO            | 2K80J3E             | 1000 W (ERP)     |                           |
| 5.571-5.5724 MHz   | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 6.55-6.5514 MHz    | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 8.822-8.8234 MHz   | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 11.288-11.2894 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 11.306-11.3074 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 13.312-13.3134 MHz | MO            | 1K40J3E             | 1000 W (ERP)     |                           |
| 17.964-17.9654 MHz | MO            | 2K80J3E             | 1000 W (ERP)     |                           |
| 21.931-21.9324 MHz | MO            | 1K40J3E             | 1000 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.

**Special Conditions:**

- (3) The designated point-of-contact to terminate the systems if interference occurs is James L Taylor at 316-209-1576 or 316-977-2752.