

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WE2XXR

(Call Sign)

0094-EX-RR-2011

(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(i) of the Commission's Rules

Station Locations

(1) Marana, AZ - NL 32-30-42; WL 111-19-11

Frequency Information

Marana, AZ - NL 32-30-42; WL 111-19-11

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 108-137 MHz   | FX            | NON                 | 1 mW (ERP)       |                           |
| 329-335 MHz   | FX            | NON                 | 1 mW (ERP)       |                           |
| 962-1215 MHz  | FX            | NON                 | 1 mW (ERP)       |                           |
| 1530-1610 MHz | FX            | NON                 | 1 mW (ERP)       |                           |

This authorization effective June 01, 2011 and  
will expire 3:00 A.M. EST June 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Marana, AZ - NL 32-30-42; WL 111-19-11

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 4200-4400 MHz | FX            | N0N                 | 1 mW (ERP)       |                           |
| 5030-5090 MHz | FX            | N0N                 | 1 mW (ERP)       |                           |

## Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Western Coordinator, Los Angeles, CA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Western Coordinator, Los Angeles, CA, as necessary to ensure compatibility with existing uses.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with FAA Western Regional Office, P.O. Box 92007, Worldway Center, Los Angeles, California 90009. Frequency Management Office: PH 310-297-1872.
- (5) The designated point-of-contact to terminate transmissions if interference occurs are Nathan Horton, phone (206) 852-3121, Dennis Lewis, phone (425) 232-5931 and Kenneth Kirchoff, phone (425) 681-3802.